



Atlantic Richfield Company
(a BP affiliated company)



P.O. Box 6549
Moraga, California 94570
Phone: (925) 299-8891
Fax: (925) 299-8872

December 12, 2005

Re: ARCO Service Station # 0707
988 San Antonio Road
Los Altos, California
Well Destruction Report

"I declare, that to the best of my knowledge at the present time, that the information and/or recommendations contained in the attached document are true and correct.

Submitted by:

Paul Supple
Environmental Business Manager



December 12, 2005

Mr. Mamerto Jorvina
Santa Clara County Department of Environmental Health
1555 Berger Drive, Suite 300
San Jose, CA 95112-2716

Re: Well Destruction Report
ARCO Service Station #0707
988 San Antonio Road
Los Altos, California
SCVWD ID No.: 06S2W19A01f

Dear Mr. Jorvina:

At the request of Remediation Management (RM – a BP affiliated company), URS Corporation (URS) has prepared this *Well Destruction Report* for the ARCO Service Station #0707 located at 988 San Antonio Road in Los Altos, California (the Site, Figure 1). The scope of work consisted of destroying the twenty remaining on-Site groundwater monitoring wells (A-1 through A-11, E-1, E-2, SP-1, SP-2, V-1, V-2, V-3, V-4, V-5) for RM. No groundwater monitoring wells remain on the property. Well locations are shown on Figure 1.

SITE DESCRIPTION

The Site is located on the southwestern corner of the intersection of San Antonio Road and Loucks Avenue in Los Altos, California. The Site is an active retail service station with a station building, two fuel dispenser islands, and three gasoline underground storage tanks (USTs). Case closure for the Site was granted by the County of Santa Clara Department of Environmental Health (CSCDEH) July 10, 2001.

Well Destruction Activities

URS personnel supervised a California licensed-driller destroy groundwater monitoring wells A-1 through A-11, E-1, E-2, SP-1, SP-2, V-1, V-2, V-3, V-4, and V-5 by pressure grouting the well casings. Well E-2 was destroyed by perforating the well casing followed by pressure grouting the well casing. Well destruction activity details are presented below.

Personnel Present: URS Geologists, John McCain (California Professional Geologist No. 8020) and Kirk Martin.

Permits: Santa Clara Valley Water District (SCVWD) Permit # 05D00624 (A-1), 05D00623 (A-2), 05D00622 (A-3), 05D00621 (A-4), 05D00620 (A-5), 05D00619 (A-6), 05D00616 (A-7), 05D00615 (A-8), 05D00614 (A-9), 05D00613 (A-10), 05D00607 (A-11), 05D00618 (E-1), 05D00617 (E-2), 05D00611 (V-1), 05D00612 (V-2), 05D00608 (V-3), 05D00609 (V-4),

Mr. Mamerto Jorvina
Page 2 of 2
December 12, 2005

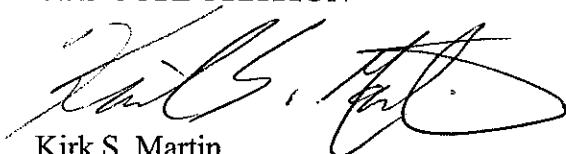
05D00610 (V-5), 05D00618 (SP-1), 05D00617 (SP-2).

Drilling Company: Gregg Drilling of Martinez, California (C-57 License # 485165).
Date of Destruction: November 16, 17, 18 and December 8, 2005.
Number of Wells: Twenty (20) monitoring wells (A-1 through A-11, E-1, E-2, SP-1, SP-2, V-1, V-2, V-3, V-4, V-5).
Destruction Method: Wells were pressure grouted using a neat cement mixture according to SCVWD well destruction guidelines.
Destruction Notes: Twenty (20) wells were pressure grouted from the bottom to the ground surface using a Tremie pipe applying 25 pound per square inch of pressure for five minutes each. The well casing of E-2 was perforated from 18' – 34' below ground surface prior to pressured grouting. Copies of the Department of Water Resources (DWR) well completion reports are included in Attachment B.
Soil and Water Handling: There were no soil cuttings or rinsate water produced during the destruction activities.


We appreciate the opportunity to present this *Well Destruction Report* to the Santa Clara County Department of Environmental Health on behalf of RM and trust that this document meets with your approval. Please do not hesitate to contact us at (510) 893-3600 with any questions or comments.

Sincerely,

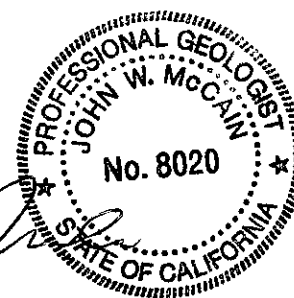
URS CORPORATION



Kirk S. Martin
Geologist



John McCain, P.G.
Project Manager

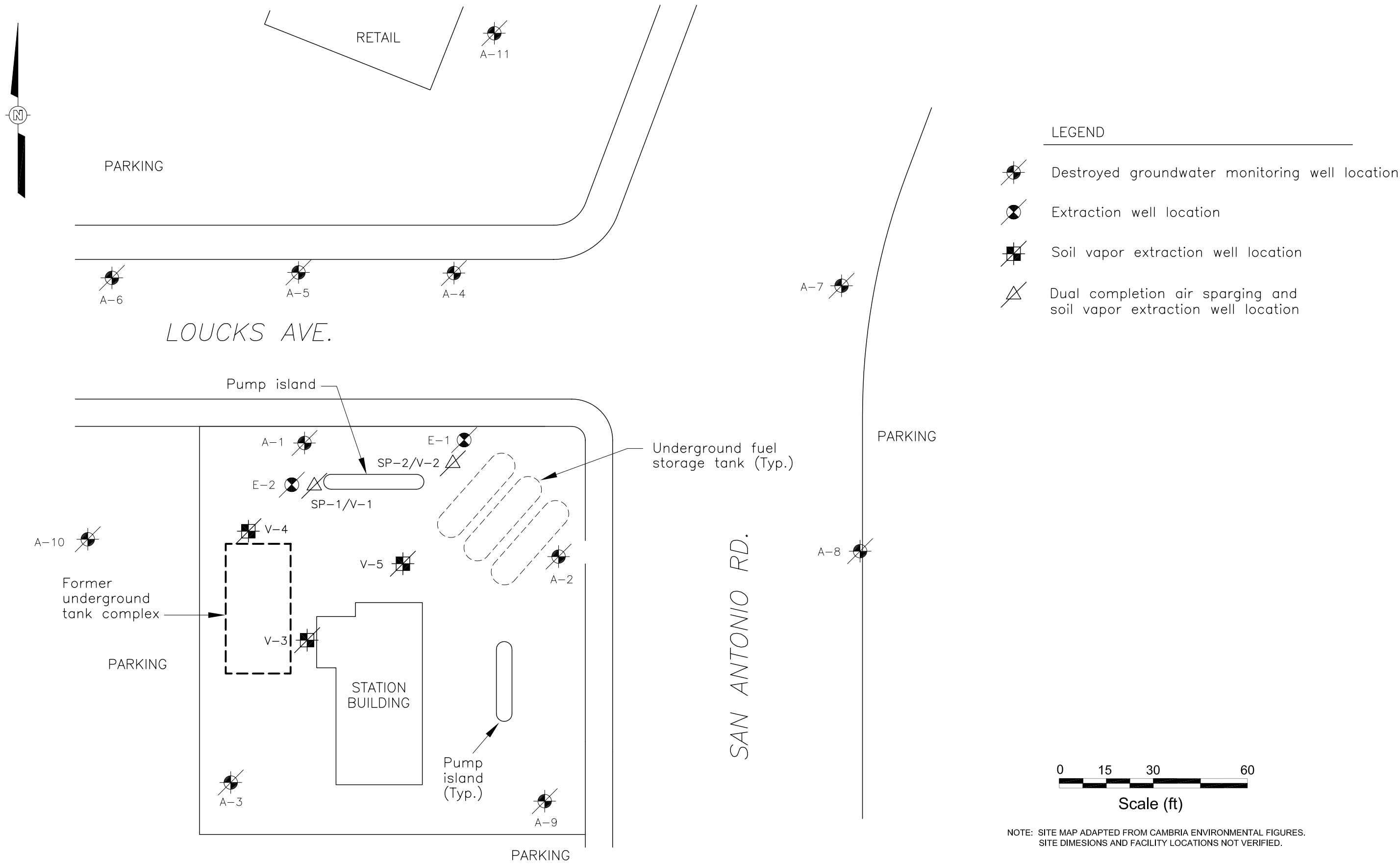


Attachments:

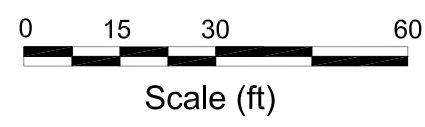
| | |
|--------------|---|
| Figure 1 | Site Map |
| Table 1 | Well Construction and Destruction Details |
| Attachment A | SCVWD Well Destruction Permits |
| Attachment B | DWR Well Completion Reports (original copy submitted to SCVWD Wells Division) |

cc: Mr. Paul Supple, RM (electronic copy uploaded to ENFOS)

Dec 22, 2005 - 9:52am
X:\x_env\waste\BP_GEM\Sites\Lynelle Onishi - SCWID ARCO Sites\2005 Well Destructions\707 Well Destruction Report\Drawings\SITE MAP.dwg



- LEGEND
- Destroyed groundwater monitoring well location
 - Extraction well location
 - Soil vapor extraction well location
 - Dual completion air sparging and soil vapor extraction well location



NOTE: SITE MAP ADAPTED FROM CAMBRIA ENVIRONMENTAL FIGURES.
SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

| | | | |
|--|---|---------------------------|-------------|
| | Project No. 38487372 | SITE MAP December 2005 | FIGURE 1 |
| | Arco Station #0707 988 San Antonio Road Los Altos, California | | |

Summary of Well Construction and Destruction Details

ARCO Station #0707
988 San Antonio Rd, Los Altos, CA
Well Destruction Details

| No. | Well ID | Well type | Well Diameter (inches) | Screened Interval (feet bgs) | Depth to bottom of boring (feet bgs) | Well Destruction Method |
|-----|---------|-------------------------|------------------------|------------------------------|--------------------------------------|-------------------------|
| 1 | A-1 | Monitoring | 3 | 28 - 48 | 50.00 | Pressure Grout |
| 2 | A-2 | Monitoring | 3 | 29 - 59 | 60.50 | Pressure Grout |
| 3 | A-3 | Monitoring | 3 | 24 - 54 | 55.50 | Pressure Grout |
| 4 | A-4 | Monitoring | 3 | 32 - 57 | 58.50 | Pressure Grout |
| 5 | A-5 | Monitoring | 3 | 33 - 53 | 55.50 | Pressure Grout |
| 6 | A-6 | Monitoring | 3 | 33 - 63 | 64.50 | Pressure Grout |
| 7 | A-7 | Monitoring | 3 | 35 - 55 | 59.00 | Pressure Grout |
| 8 | A-8 | Monitoring | 3 | 35 - 55 | 56.00 | Pressure Grout |
| 9 | A-9 | Monitoring | 4" reduces to 3" | 35 - 60 | 61.50 | Pressure Grout |
| 10 | A-10 | Monitoring | 2 | 30 - 55.5 | 58.50 | Pressure Grout |
| 11 | A-11 | Monitoring | 2 | 33 - 58 | 59.50 | Pressure Grout |
| 12 | E-1 | Extraction ¹ | 10 | 35.5 - 64.5 | 66.00 | Pressure Grout |
| 13 | E-1 | Extraction ¹ | 2 | 35.5 - 64.5 | 66.00 | Pressure Grout |
| 14 | E-2 | Extraction ¹ | 10 | 34 - 62 | 64.00 | Pressure Grout* |
| 15 | E-2 | Extraction ¹ | 2 | 34 - 62 | 64.00 | Pressure Grout* |
| 16 | SP-1 | AS | 2 | 53.5 - 55.5 | 56.50 | Pressure Grout |
| 17 | V-1 | VE | 2 | 28 - 41 | 56.50 | Pressure Grout |
| 18 | SP-2 | AS | 2 | 55 - 57 | 57.00 | Pressure Grout |
| 19 | V-2 | VE | 2 | 29 - 42 | 57.00 | Pressure Grout |
| 20 | V-3 | VE | 3 | 18 - 33 | 33.00 | Pressure Grout |
| 21 | V-4 | VE | 3 | 15 - 30 | 30.00 | Pressure Grout |
| 22 | V-5 | VE | 3 | 25 - 40 | 40.00 | Pressure Grout |

Notes:

AS/VE = Air sparge/vapor extraction

bgs = Below ground surface

***** Perforations installed in E-2 from 18' to 34' bgs prior to pressure grouting.

1 Wells E-1 and E-2 consisted of one 10" and one 2' well nested together in the same borehole.

Attachment A
SCVWD Well Destruction Permits

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05D00624

| | | |
|--|--|--|
| Well Owner: Atlantic Richfield Company | Property Owner: Atlantic Richfield Company | Name of Business/Residence at Well Site: ARCO Service Station # 0707 |
| Well Owner's Mailing Address: P.O. Box 6549 | Property Owner's Mailing Address: P.O. Box 6549 | Address of Well Site: 988 San Antonio Road |
| City, State, Zip: Moraga, CA 94570 | City, State, Zip: Moraga, CA 94570 | City, State, Zip: Los Altos, CA |
| Telephone No.: 925-299-8891 | Telephone No.: 925-299-8891 | Assessor's Parcel Number of Well Site: Book: 167 Page: 16 Parcel: 045 |
| Consultant: URS Corporation | Drilling Company: Gregg Drilling | |
| Address: 1333 Broadway, Suite 800 | Address: 950 Howe Road | |
| City, State, Zip: Oakland, CA 94612 | City, State, Zip: Martinez, CA 94553 | |
| Telephone No.: 510-874-3026 Attn: John McCain | Telephone No.: 925-313-5800 | C-57 License No.: 485165 |
| <input type="checkbox"/> Check if address or phone number has changed. | <input type="checkbox"/> Check if address or phone number has changed. | |

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

Well Information

| | | |
|--|-----------------------------------|---|
| Well Registration No.: 06S02W19A005 | Owner/Consultant Well No.: A-1 | Original Well Construction Permit No.: 85W0557 |
| Well Casing Depth: 48' | Total Boring Depth: 50' | Well Casing Diameter: 3" |

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

| | | |
|---|---|---|
| <input type="checkbox"/> Well on SCVWD property/easement* | <input type="checkbox"/> Well is within 50 feet of the top of a creek/river bank* | (* See General Conditions, E.) |
| Well Description: | | |
| <input checked="" type="checkbox"/> Vertical Well | <input type="checkbox"/> Dewatering Well | <input type="checkbox"/> Elevator Shaft |
| <input type="checkbox"/> Multiple Casing | <input type="checkbox"/> Horizontal Wall | <input type="checkbox"/> Pit Well |
| Well Type: check all that apply | | |
| <input type="checkbox"/> Water Producing (supply or extraction) | <input type="checkbox"/> Contamination Cleanup | <input type="checkbox"/> Agricultural |
| <input type="checkbox"/> Domestic | <input type="checkbox"/> Municipal & Industrial | <input type="checkbox"/> Vapor Extraction |
| <input checked="" type="checkbox"/> Monitoring | <input type="checkbox"/> Inclinator | <input checked="" type="checkbox"/> Groundwater |
| <input type="checkbox"/> Vadose | <input type="checkbox"/> Piezometer | <input type="checkbox"/> Interface |
| <input type="checkbox"/> Suction Lysimeter | <input type="checkbox"/> Seismic | |
| <input type="checkbox"/> Injection/infiltration | <input type="checkbox"/> Contamination Cleanup | <input type="checkbox"/> Reclaimed Water |
| <input type="checkbox"/> Air Sparging | | |
| <input type="checkbox"/> Cathodic Protection | | |

Additional Questions For Water Producing Wells

| | | | |
|---------------------------------------|--|--|---|
| Does the well have: | 1. Outer conductor casing? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| | 2. Annular cement seal outside of casing at surface? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| | 3. A S.C.V.W.D. water meter attached? | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Type of Original Drilling Method: | | | |
| <input type="checkbox"/> Rotary | <input type="checkbox"/> Cable-Tool | <input type="checkbox"/> Hand Dug Pit Well | <input checked="" type="checkbox"/> Hollow Stem Auger |
| <input type="checkbox"/> Other: _____ | | | |

IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120.
Please allow 10 working days to process permit application.

SEP 5 2005

SCVWD

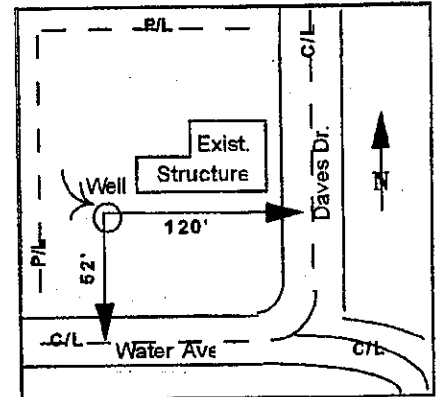
Site Plan

WELL LOCATION

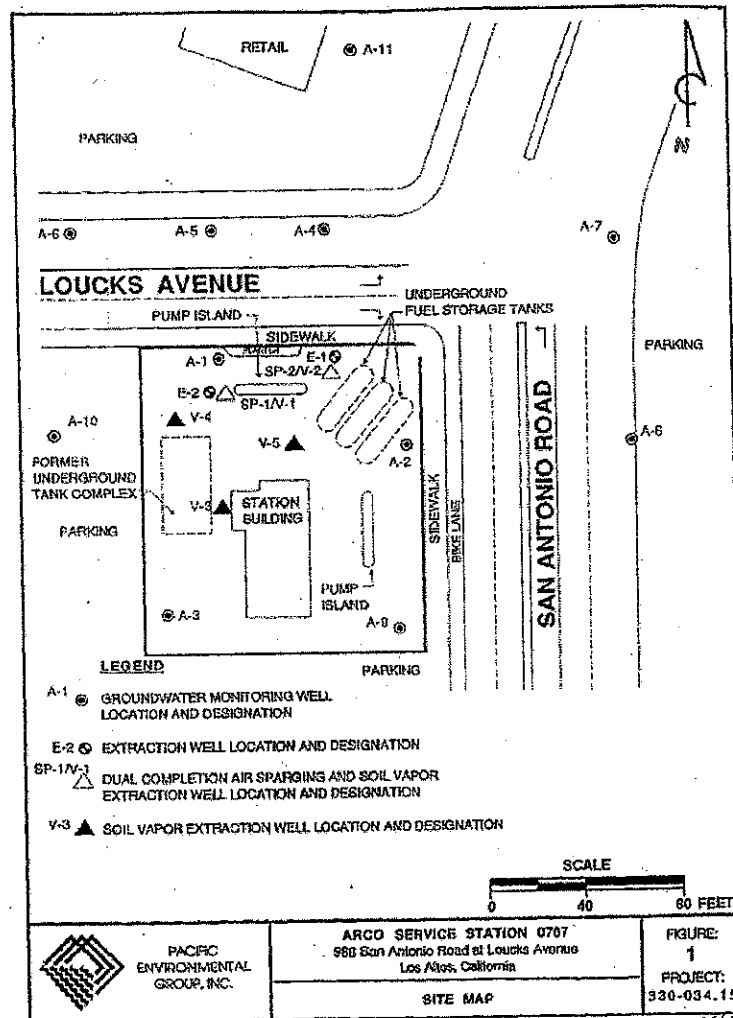
(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Sketch well loca



Please allow 10 working days to process this application.

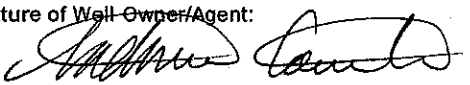
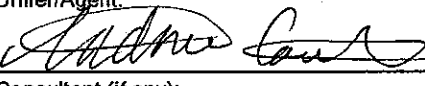

Please describe, in detail, the proposed destruction method*:

Well destruction via pressure grout according to SCVWD guidelines.

*Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

NOTE: All applicable signatures must be present before permit will be processed.

| | | |
|--|--|-----------------|
| Signature of Well Owner/Agent:  | Print Name: Andrew Fowler URS for Atlantic Richfield Co | Date: 9/2/05 |
| Signature of Driller/Agent:  | Print Name: Andrew Fowler URS for Gregg Drilling | Date: 9/2/05 |
| Signature of Consultant (if any):  | Print Name: Andrew Fowler URS | Date: 9/2/05 |

DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).


OR NOTE: Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of 50 feet, with a minimum bore of 8 inches.

☐ Clean out well casing to a total depth of feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). NOTE: Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling:

☐ Other:

| | | | |
|--|-------------------------|-----------------------------|------------------------------|
| Permit Approved By:  | | Date: 9-14-05 | |
| District Permit No.: 05D00624 | Date issued: 9-20-05 | Expiration Date: 3-20-06 | Driller's Log No.: 030191 |

Please allow 10 working days to process this application.

GENERAL CONDITIONS

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

LOG OF EXPLORATORY BORING

PROJECT NUMBER 438-85.01

BORING NO. A-1

PROJECT NAME Gettler-Ryan, ARCD @ San Antonio & Loucks

PAGE 1 OF 3

BY EG DATE 5/8/85

SURFACE ELEV.

| TORVANE (TSF) | POCKET PENETRO- METER (TSF) | PENETRA- TION (Blows/ Ft.) | GROUND WATER LEVELS | DEPTH IN FT. | SAMPLES | LITHO- GRAPHIC COLUMN | DESCRIPTION |
|------------------|--------------------------------------|-------------------------------------|---------------------------|--------------|---------|-----------------------------|--|
| | | | | 0 | | CL | ASPHALT. CLAY; fill; dark grayish brown (10 YR, 4/2); 10% fine to coarse sand; 10% fine to medium gravel; silty; soft; damp; no product odor. |
| | | | | 5 | | | CLAY; yellowish red (5YR, 4/6); 10% fine to coarse sand; trace fine gravel; firm; damp; no product odor. |
| | | | | 10 | | GC GW | CLAYEY GRAVEL interbedded with SANDY GRAVEL. CLAYEY GRAVEL: 5-30% fines; 30% fine to coarse sand; loose; damp; no product odor. |
| | | | | 15 | | | |
| | | | | 20 | | GC GW CL | @ 18': GRAVELS become interbedded with GRAVELLY CLAY; GRAVELLY CLAY; yellowish red (5YR, 4/6); 15-20% fine to coarse sand; 20%. |

REMARKS



LOG OF EXPLORATORY BORING

PROJECT NUMBER 438-85.01

BORING NO. A-1

PROJECT NAME Gettler-Ryan, ARCO @ San Antonio & Loucks

PAGE 2 OF 3

BY EG DATE 5/8/85

SURFACE ELEV.

| TORVANE (TSF) | POCKET PENETRO- METER (TSF) | PENETRA- TION (Blows/ Ft) | GROUND WATER LEVELS | DEPTH IN FT. | SAMPLES | LITHO- GRAPHIC COLUMN | DESCRIPTION |
|------------------|--------------------------------------|------------------------------------|---------------------------|--------------|---------|-----------------------------|---|
| | - | 25 | | 20 | | | fine to coarse gravel; silty; moist to wet @ 37½'; very stiff; no product odor. |
| | - | N/A | | 25 | | | |
| | 3.0 | 33 | | 30 | | CL | CLAY; yellowish red (5YR, 4/6); 15% fine to coarse sand; 20% fine to coarse gravel; silty; moist to wet @ 37½'; very stiff; no product odor. |
| | 3.0 | 29 | | 35 | | SW GW | |
| | - | 31 | | 40 | | | SAND interbedded with GRAVEL. SAND: yellowish red (5YR, 4/6); sand is fine to coarse very loose; wet; slight product odor. GRAVEL: yellowish red (5YR, 4/6); fine to coarse gravel; wet; slight product odor. |

REMARKS



PLATE

LOG OF EXPLORATORY BORING

PROJECT NUMBER 438-85.01
 PROJECT NAME Gettler-Ryan, ARCO @ San Antonio & Loucks
 BY EG DATE 5/8/85

BORING NO. A-1
 PAGE 3 OF 3
 SURFACE ELEV.

| TORVANE (TSF) | POCKET PENETRO- METER (TSF) | PENETRA- TION (Blows/ Ft.) | GROUND WATER LEVELS | DEPTH IN FT. | SAMPLES | LITHO- GRAPHIC COLUMN | DESCRIPTION |
|------------------|--------------------------------------|-------------------------------------|---------------------------|--------------|---------|-----------------------------|--|
| | | <50 | | 40 | | | |
| | | | | 45 | | | |
| | | <50 | | 50 | | | |
| | | | | 55 | | CL | CLAY; very dark gray (2.5Y, 3/0); 10% fi to coarse sand; 10% fine to coarse gra slightly silty; hard; damp; no produc odor. |
| | | <5 | <50 | 60 | | | BORING TERMINATED AT 57½ FEET. |

REMARKS Hole caved to 50 feet, then was converted to a monitoring well as outlined on the attached Well Detail.

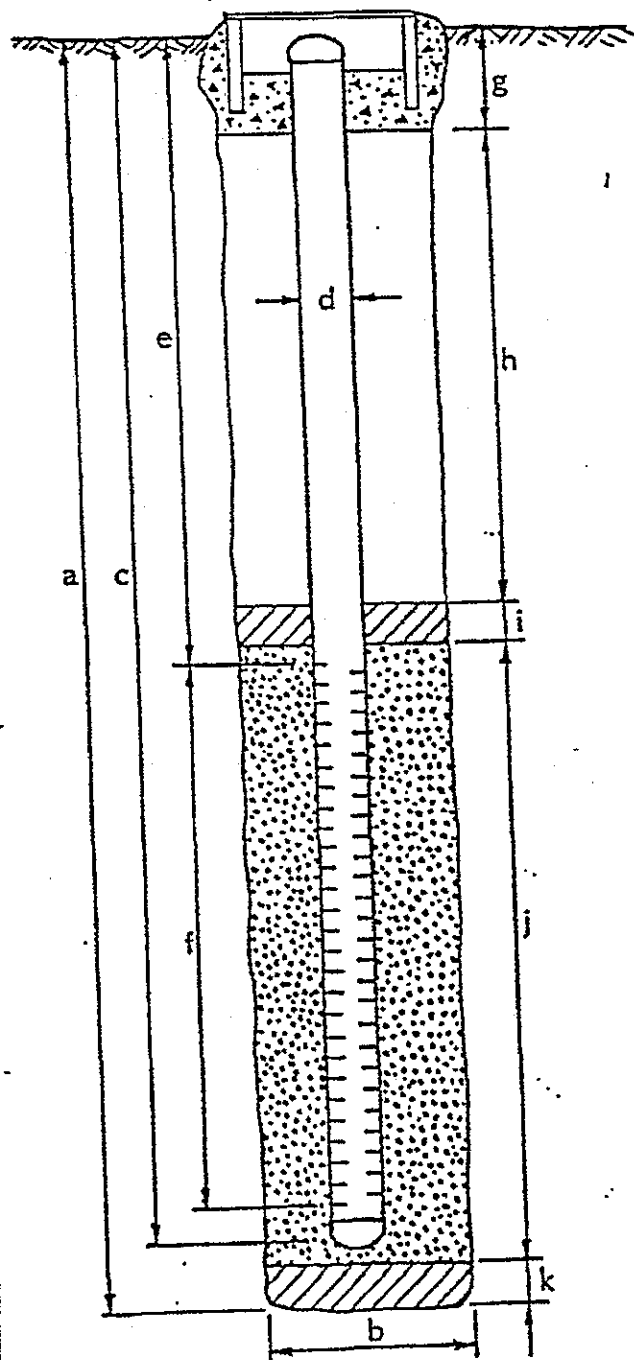
WELL DETAILS



PROJECT NUMBER 438-85.01
 PROJECT NAME GR ARCO
 COUNTY Santa Clara
 WELL PERMIT NO. _____

BORING / WELL NO. A-1
 TOP OF CASING ELEV. _____
 GROUND SURFACE ELEV. _____
 DATUM _____

G-5 vault box (Std.)



EXPLORATORY BORING

a. Total depth 50 ft.
 b. Diameter 8 in.
 Drilling method Hollow Stem Auger

WELL CONSTRUCTION

c. Casing length 48 ft.
 Material Schedule 40 PVC
 d. Diameter 3 in.
 e. Depth to top perforations 28 ft.
 f. Perforated length 20 ft.
 Perforated interval from 48 to 28 ft.
 Perforation type Machined Slot
 Perforation size .020"
 g. Surface seal 1 ft.
 Seal material concrete
 h. Backfill 23 ft.
 Backfill material concrete
 i. Seal 2 ft.
 Seal material bentonite
 j. Gravel pack (48' to 26') 22 ft.
 Pack material 6x12 sand
 k. Bottom seal 2 ft.
 Seal material bentonite

TO: Water Revenue Division

FROM: Design Coordination Division

DATE: 5/8/85

Well Permit No. 85W0557 Well/Hole No. (Well #1) 0652W19A01A

Inspector ARNOLD SCHRANZ Date of Inspection 5-8-85

Well Owner ATLANTIC RICHFIELD Co.

Address of Well Site San Antonio @ Leucks Ave.

Name of City or County Los Altos

Drilling Company All Terrain

Consultant BETTLER / Ryga Inc / Emcon Associates

Purpose of Well: ☒ Domestic ☐ Municipal/Industrial ☐ Agricultural
☒ Monitoring ☐ Cathodic Protection

1. Well completed according to provisions of Santa Clara Valley Water District Permit ☒ Yes ☐ No
2. Location of well in accordance with Santa Clara Valley Water District Permit. ☒ Yes ☐ No
3. Annular Seal Witnessed ☒ Yes ☐ No
4. Unusual Product (s) Detected by SCVWD Inspection ☒ Yes ☐ No
5. Unusual Product(s) Reported by Driller ☒ Yes ☐ No
- * 6. Unusual Product(s) Reported by Consultant ☒ Yes ☐ No
7. Monitoring Device ☒ Groundwater ☐ Vadose ☐ Other ☐ N/A

| | | | |
|----------------------|-----|-------------------------------|---------------|
| Borehole Dia | 6" | Depth of Surface Annular Seal | = 26' - Total |
| Bottom of Hole | 48' | Casing Dia. | = 3" |
| Bottom of Casing | 48' | Perforations | 28' to 48' |
| Depth of First Water | 38' | | |

Comments: Gas Odors Noted @ 36' Hollow Stem Auger Used

Santa Clara Valley Water District
5750 Alameda Expressway
San Jose, California 95118
Telephone (408) 265-2600

WATER WELL CONSTRUCTION APPLICATION
FC 15B (04-09-84)

TO BE COMPLETED BY DISTRICT

| | | |
|------------------------------------|------------------------------------|--|
| Well Permit No.: 85W0557 | Date Issued: 4-26-85 | Well Registration No.: 0652W19A01A |
| Water Quality Zone: I | Expiration Date: 7-26-85 | Driller's Log No.: 169409 |
| Coordinates of Well "X" "Y" | | |

TO BE COMPLETED BY OWNER AND DRILLER *Exploration Drilling Service*

| | | |
|---|--|--|
| Property Owner: ATLANTIC Richfield Co. | Well Owner (if different): Gettler/Ryan Inc. | Drilling Co.: Gettler/Ryan Inc. |
| Address: SAN ANTONIO @ Loucks Ave | Address of Well Site: 1992 NATIONAL AVE. | Driller's Contractors License Number: 220793 |
| City, State, Zip: LOS ALTOs CA. | City, State, Zip: Hayward CA. 94545 | Address: Hayward CA. 94545 |
| Telephone No.: | Telephone No.: | Telephone No.: (415) 783-7500 |
| Assessor's Parcel No. of Well Site: Block 167 Page 16 Parcel 0215 | Owner's/Consultant's Well No.: Well #1 | |

Estimated depth of completed well: ☒ Less than 50 ft. ☐ 50 to 300 ft. ☐ Over 300 ft.

Water Quality Zone No.: **I** (See Fig. 1 SCVWD Construction Standards. Use "BR" if bedrock)

Purpose of Well: ☐ Domestic ☐ Municipal/Industrial ☐ Agricultural ☒ Monitoring ☐ Cathodic Protection

*Monitoring wells are those constructed for the purpose of obtaining repetitive water level measurements and/or repetitive water samples for analyses. This includes wells constructed for general exploration and investigation purposes as well as those to be constructed in conformance with the Hazardous Materials Storage Permit Ordinance for site-specific groundwater monitoring of existing underground hazardous materials storage tanks.

THIS SECTION TO BE COMPLETED IF THIS APPLICATION IS FOR A MONITORING WELL

Purpose of Monitoring Well: ☐ To comply with City or County Hazardous Materials Storage Permit Ordinance ☒ Exploration studies

☐ Other (specify):

Name of Business: Business License No.:

If proposed well is to meet compliance with a Hazardous Materials Storage Permit Ordinance has the City or County been contacted? ☒ Yes ☐ No

If yes, name of City or County:

EMCON ASSOCIATES
Consultant's Name (company)
90 Archer St.
Address
SAN JOSE CA. 95112
City, State, Zip
(408) 275-1444
Telephone No.

| |
|--|
| Type of monitoring device: <input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Vadose |
| Monitoring well use: <input type="checkbox"/> Depth <input type="checkbox"/> Quality <input checked="" type="checkbox"/> Depth and Quality |
| <input type="checkbox"/> Chloride <input type="checkbox"/> Depth and Chloride |
| Vadose device installation: <input type="checkbox"/> Vapor <input type="checkbox"/> Interface <input type="checkbox"/> Suction Lyometer |
| Responsible professional (name): Lee Deoley |
| Registration No. OR Certificate No. Civil Engineer Engineering Geologist |

TOPOGRAPHIC FEATURES

Well to be constructed: ☐ In a public sidewalk ☐ In a public road ☒ On private property

Within 50 ft. of the top of a creek bank: ☐ Yes ☒ No

Within 50 ft. of a sanitary sewer: ☐ Yes ☒ No

Within 100 ft. of a pit, privy, septic tank, leachfield: ☐ Yes ☒ No

Plot well location on reverse side of this application

CERTIFICATION BY WELL OWNER/AGENT AND DRILLER/AGENT:

I certify that the information given above is correct to the best of my knowledge. I certify that the well will be constructed in compliance with the conditions of this permit, the Santa Clara Valley Water District's Ordinance 75-6 and, if applicable, the Hazardous Materials Storage Permit Ordinance of the County or City, as appropriate. It is my responsibility as the well owner to notify this District of any changes in the purpose of this well from that which is indicated on this application form.

Attest by Gettler/Ryan Inc. By **Phil M. Wright** 4/26/85
Signature of Well Owner/Agent Date

Gettler/Ryan Inc. By **Phil M. Wright** 4/26/85
Signature of Driller/Agent Date

MONITORING WELL PLAN APPROVAL

City/County: _____
Approved by: _____
Date: _____

IMPORTANT: A minimum 24-hour notice must be given to SCVWD Inspection Dept. prior to installing the annular seal.
Call (408) 265-2600, Ext. 300. For weekends, holidays, after hours call (408) 395-8121 or (408) 265-2605.

(2)

ORIGINAL
file with DWR

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in

No. 169409

Office of Intent No. _____
Local Permit No. or Date B5W0537

*** 432-85.01

State Well No. _____
Other Well No. _____

1) OWNER: Name Atlantic Richfield Co.
Address San Antonio Rd. & Loucks Ave.
City Los Altos, Ca. Zip _____

2) LOCATION OF WELL (See instructions):
County Santa Clara Owner's Well Number A-1
Well address if different from above _____
Township _____ Range _____ Section _____
Distance from cities, roads, railroads, fences, etc. _____

(12) WELL LOG: Total depth 57 ft. Depth of completed well 48 ft.
from ft. to ft. Formation (Describe by color, character, size or material)
0 - 1 ASPHALT AND BASE MATERIAL
1 - 3 1/2 FILL, CLAY, dark grayish brown, fine
to coarse sands, damp, soft.
3 1/2 - 7 (CL) CLAY, yellowish red, 10% fine to
coarse sand, trace fine gravel,
firm, damp.
7 - 18 (GW/GW) INTERBEDDED CLAYEY GRAVEL AND
SANDY GRAVEL, yellowish red, fine to
coarse sands, loose, damp.
18 - 28 (GC/GW/CL) INTERBEDDED CLAYEY GRAVEL,
SANDY GRAVEL, AND GRAVELLY CLAY,
the GC and GW are same as above,
The CL is yellowish red, 15% fine to
coarse sands 25% coarse to fine
gravel, firm, damp.
28 - 36 (CL) GRAVELLY CLAY, yellowish red, 15%
fine to coarse sand 25% fine gravel,
moist to wet, very stiff.
36 - 54 (SW/GW) INTERBEDDED FINE TO COARSE SAND
AND FINE TO COARSE GRAVEL, yellowish
red, very loose, wet.
54 - 57 (CL) CLAY very dark gray 10% fine to
coarse sand 10% fine to coarse gravel
hard, damp

(3) TYPE OF WORK:
New Well ☒ Deepening ☐
Reconstruction ☐
Reconditioning ☐
Horizontal Well ☐
Destruction ☐ (Describe
destruction materials and
procedures in Item 12)

(4) PROPOSED USE:
Domestic ☐
Irrigation ☐
Industrial ☐
Test Well ☐
Stock ☐
Municipal ☐
Other ☒

BUILD

A-1

LONG

SAN ANTONIO RD.

WELL LOCATION SKETCH

(5) EQUIPMENT:

Rotary ☐ Reverse ☐
Cable ☐ Air ☐
Other ☒ Bucket ☐

(6) GRAVEL PACK: 26-48
Yes ☒ No ☐ Size coarse sand
Diameter of bore 8 inch
Packed from 26-48 to _____ ft.

(7) CASING INSTALLED:

Steel ☐ Plastic ☒ Concrete ☐

(8) PERFORATIONS:

Type of perforation or size of screen

| From ft. | To ft. | Dia. in. | Gage or Wall | From ft. | To ft. | Slot size |
|----------|--------|----------|--------------|----------|--------|-----------|
| 0 | 48 | 3 | sh 40 | 28 | 48 | 0.004 in |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 26 ft.
Were strata sealed against pollution? Yes ☐ No ☐ Interval 0-26 ft.
Method of sealing concrete and bentonite

(10) WATER LEVELS:

Depth of first water, if known 37 ft.
Standing level after well completion 37 ft.

(11) WELL TESTS:

Was well test made? Yes ☐ No ☒ If yes, by whom? _____
Type of test Pump ☐ Bailor ☐ Air lift ☐
Depth to water at start of test _____ ft. At end of test _____ ft.
Discharge _____ gal/min after _____ hours Water temperature _____
Chemical analysis made? Yes ☐ No ☒ If yes, by whom? _____
Was electric log made? Yes ☐ No ☒ If yes, attach copy to this report

Work started 5-8-85 19____ Completed 5-8-85 19____

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

SIGNED

Robert J. S. (Well Driller)

NAME

All Terrain Drilling

Address

2789 Liberty Ln. (Typed or printed)

City

Roseville, Ca. Zip _____

License No.

437836 Date of this report 5-28-85

15



APN: 16716045
988 N San Antonio Rd
Los Altos CA
94022

Well Annotations- 12 Wells Selected

| No | Well_nbr | Permit | Consulnum | Status | Easting | Northing |
|----|--------------|---------|-----------|---------------------|---------|----------|
| 1 | 06S02W19A003 | 89W0407 | E-2 | Water Supply-Active | 6092632 | 1972144 |
| 2 | 06S02W19A004 | 89W0406 | E-1 | Water Supply-Active | 6092690 | 1972160 |
| 3 | 06S02W19A005 | 85W0557 | A-1 | Other-Active | 6092655 | 1972163 |
| 4 | 06S02W19A009 | 88W1649 | A-3 | Other-Active | 6092608 | 1972060 |
| 5 | 06S02W19A010 | 88W1648 | A-2 | Other-Active | 6092710 | 1972156 |
| 6 | 06S02W19A014 | 93W0695 | SP-1 | Other-Active | 6092624 | 1972150 |
| 7 | 06S02W19A015 | 93W0696 | V-1 | Other-Active | 6092624 | 1972150 |
| 8 | 06S02W19A016 | 93W0693 | SP-2 | Other-Active | 6092665 | 1972156 |
| 9 | 06S02W19A017 | 93W0694 | V-2 | Other-Active | 6092665 | 1972156 |
| 10 | 06S02W19A018 | 93W0698 | V-4 | Other-Active | 6092651 | 1972091 |
| 11 | 06S02W19A019 | 93W0697 | V-5 | Other-Active | 6092661 | 1972118 |
| 12 | 06S02W19A020 | 93W0699 | V-3 | Other-Active | 6092624 | 1972131 |

- Wells.shp
- ⊕ Water Supply - Active
 - ⊞ Water Supply - Standby
 - Water Supply - Inactive
 - ⊕ Extraction (Env) - Active
 - Extraction (Env) - Inactive
 - ⊕ Other - Active
 - Other - Inactive
 - * Abandoned
 - ⊕ Destroyed
 - ▲ Status Undetermined
- Parcels.shp
- ▲ Fuelleak.shp
- VALFLOOR.SHP
- Zone 1
 - Zone 2
 - Zone 3
 - Zone 4
 - Zone 5

Approximate Scale

20 0 20 40 Feet



WELL DESTRUCTION APPLICATION

FC 198W (12-16-02)

Page 1 of 4

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05D00623

| | | | |
|--|---|---|------------------------------------|
| Well Owner: Atlantic Richfield Company | Property Owner: Atlantic Richfield Company | Name of Business/Residence at Well Site: ARCO Service Station # 0707 | |
| Well Owner's Mailing Address: P.O. Box 6549 | Property Owner's Mailing Address: P.O. Box 6549 | Address of Well Site: 988 San Antonio Road | |
| City, State, Zip: Moraga, CA 94570 | City, State, Zip: Moraga, CA 94570 | City, State, Zip: LOS ALTOS, CA | |
| Telephone No.: 925-299-8891 | Telephone No.: 925-299-8891 | Assessor's Parcel Number of Well Site: Book: 167 Page: 16 Parcel: 045 | |
| Consultant: URS Corporation | | Drilling Company: Gregg Drilling | |
| Address: 1333 Broadway, Suite 800 | | Address: 950 Howe Road | |
| City, State, Zip: Oakland, CA 94612 | | City, State, Zip: Martinez, CA 94553 | |
| Telephone No.: 510-874-3026 Attn: John McCain | | Telephone No.: 925-313-5800 | C-57 License No.: 485165 |
| <input type="checkbox"/> Check if address or phone number has changed. | | <input type="checkbox"/> Check if address or phone number has changed. | |

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

Well Information

| | | |
|---|--|--|
| Well Registration No.: 06S02W19A010 | Owner/Consultant Well No.: A-2 | Original Well Construction Permit No.: 88W1648 |
| Well Casing Depth: 59' | Total Boring Depth: 60.5' | Well Casing Diameter: 3" |

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

| | | |
|---|---|---|
| <input type="checkbox"/> Well on SCVWD property/easement* | <input type="checkbox"/> Well is within 50 feet of the top of a creek/river bank* | (* See General Conditions, E.) |
| Well Description: | | |
| <input checked="" type="checkbox"/> Vertical Well | <input type="checkbox"/> Dewatering Well | <input type="checkbox"/> Elevator Shaft |
| <input type="checkbox"/> Multiple Casing | <input type="checkbox"/> Horizontal Wall | <input type="checkbox"/> Pit Well |
| Well Type: check all that apply | | |
| <input type="checkbox"/> Water Producing (supply or extraction) | <input type="checkbox"/> Contamination Cleanup | <input type="checkbox"/> Agricultural |
| <input type="checkbox"/> Domestic | <input type="checkbox"/> Municipal & Industrial | <input type="checkbox"/> Vapor Extraction |
| <input checked="" type="checkbox"/> Monitoring | <input type="checkbox"/> Inclinator | <input checked="" type="checkbox"/> Groundwater |
| <input type="checkbox"/> Vadose | <input type="checkbox"/> Piezometer | <input type="checkbox"/> Interface |
| <input type="checkbox"/> Suction Lysimeter | <input type="checkbox"/> Seismic | |
| <input type="checkbox"/> Injection/Infiltration | <input type="checkbox"/> Contamination Cleanup | <input type="checkbox"/> Reclaimed Water |
| <input type="checkbox"/> Air Sparging | | |
| <input type="checkbox"/> Cathodic Protection | | |

Additional Questions For Water Producing Wells

| | | | |
|--|--|--|---|
| Does the well have: | 1. Outer conductor casing? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| | 2. Annular cement seal outside of casing at surface? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| | 3. A S.C.V.W.D. water meter attached? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Type of Original Drilling Method: | | | |
| <input type="checkbox"/> Rotary | <input type="checkbox"/> Cable-Tool | <input type="checkbox"/> Hand Dug Pit Well | <input checked="" type="checkbox"/> Hollow Stem Auger |
| <input type="checkbox"/> Other: _____ | | | |

IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120.
Please allow 10 working days to process permit application.

SEP 5 2005

S.C.V.W.D.
WELLS

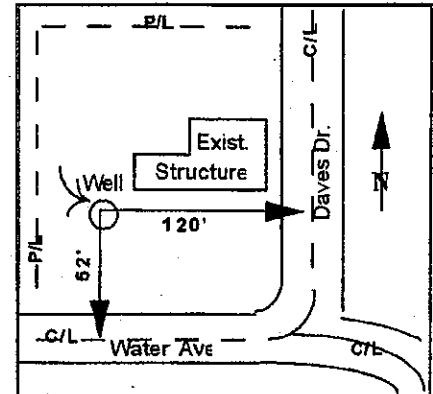
Site Plan

WELL LOCATION

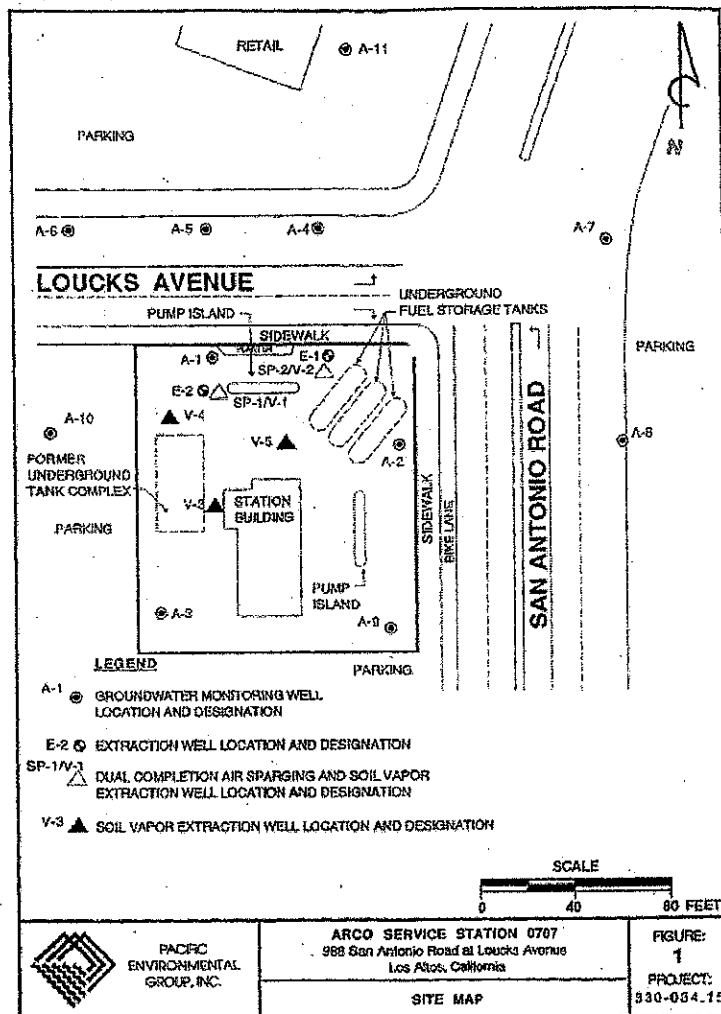
(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Sketch well



Please allow 10 working days to process this application.

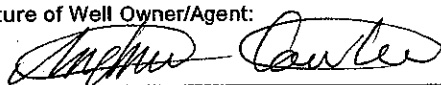
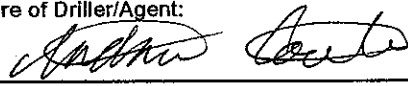
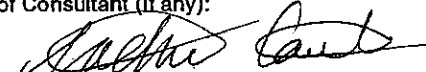
Please describe, in detail, the proposed destruction method*: _____

Well destruction via pressure grout according to SCVWD guidelines.

* Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

NOTE: All applicable signatures must be present before permit will be processed.

| | | |
|--|--|-----------------|
| Signature of Well Owner/Agent:  | Print Name: Andrew Fowler URS for Atlantic Richfield Co | Date: 9/2/05 |
| Signature of Driller/Agent:  | Print Name: Andrew Fowler URS for Gregg Drilling | Date: 9/2/05 |
| Signature of Consultant (if any):  | Print Name: Andrew Fowler URS | Date: 9/2/05 |

DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).


OR NOTE: Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of _____ feet, with a minimum bore of _____ inches.

☐ Clean out well casing to a total depth of _____ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). NOTE: Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: _____

☐ Other: _____

| | | | |
|--|-------------------------|-----------------------------|------------------------------|
| Permit Approved By:  | | Date: 9-14-05 | |
| District Permit No.: 05D00623 | Date Issued: 9-20-05 | Expiration Date: 3-20-06 | Driller's Log No.: 030190 |

Please allow 10 working days to process this application.

GENERAL CONDITIONS

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

Loucks

WELL / A-2
BORING NO.
PAGE 1 OF 2

PROJECT NO. 330-34.02
LOGGED BY: DKU
DRILLING METHOD: HSA
SAMPLING METHOD: CAL MOD
CASING TYPE: Sch 40 PVC
SLOT SIZE: 0.020"
GRAVEL PACK: 6 X 12 SAND

CLIENT: ARCO
DATE DRILLED: 11/9/88
LOCATION: San Antonio and Loucks
HOLE DIAMETER: 8"
HOLE DEPTH: 60.5'
WELL DEPTH: 59'
WELL DIAMETER: 3"

| WELL COMPLETION | MOISTURE CONTENT | H-NU READING | PENETRATION RESISTANCE (BLOWS/FT) | DEPTH (FEET) | SAMPLE | GRAPHIC | SOIL TYPE | LITHOLOGY / REMARKS | |
|---|------------------|--------------|-----------------------------------|--------------|--------|---------|-----------|---|--|
| <div><div>CONCRETE</div><div>SAND</div><div>BENTONITE</div></div> | Dry | | | 2 | | | SC | FILL; asphalt; 4" of base FILL. CLAYEY SAND; dark brown; 20% clay and silt; 10% fine sand; 40% medium to very coarse sand; 30% gravel; loose; no product odor. | |
| | Dp-Mst | 0 | 9 | 4 | | | | | |
| | Dp | 0 | 15 | 10 | | | | | @9': dark brown; 35-40% clay and silt; 10% fine sand; 50% medium to very coarse sand; 5% gravel. @10': yellow brown; 15% silt and clay; 15% fine sand; 60% medium to very coarse sand; 10% gravel; medium dense; no product odor. |
| | Dp-Mst | 0 | 36 | 14 | | | | | @14': dark yellow brown; 15% clay and silt; 20% fine sand; 35% medium to coarse sand; 35% gravel; dense; no product odor. |
| | Dp | 0 | 34 | 20 | | | | SP | SAND; yellow brown; 5% clay and silt; 85% fine sand; sub-angular to sub-rounded; 10% medium sand; some thin layers of coarse sand ; dense; no product odor; silt increase in zones. |
| | Dp | 0 | 16 | 26 | | | | ML | CLAYEY SILT; yellow brown; 20% clay; 10% fine sand; trace coarse sand; sub-angular to sub-rounded; trace charcoal; trace rootholes; stiff; no product odor. |
| | Mst | 0 | 14 | 30 | | | | SC | CLAYEY SAND; yellow brown; 20% clay and silt; 30% fine sand; 30% medium to coarse sand; 20% gravel; rounded to angular; disseminated calcium carbonate clay; stiff; no product odor. |
| | Dp | 0 | 31 | 34 | | | | | @35': as above. |
| | Dp | 7.0 | >50 | 40 | | | | SW | @39': as above. GRAVELLY SAND; gray with brown mottling; 10% fine sand; 70% medium to coarse sand; sub-angular to angular; 20% gravel; sub-angular to angular; very dense; faint product odor. |
| | | | | | 42 | | | | |
| | | | | | 44 | | | | |

| LOCATION MAP | | PACIFIC ENVIRONMENTAL GROUP, INC. | | | | WELL / A-2 BORING NO. PAGE 2 OF 2 | | | |
|-----------------|------------------|-----------------------------------|-----------------------------------|----------------|--------|---|-----------|--|---|
| See Page One | | PROJECT NO. 330-34.02 | | CLIENT: | | | | | |
| | | LOGGED BY: | | DATE DRILLED: | | | | | |
| | | DRILLING METHOD: | | LOCATION: | | | | | |
| | | SAMPLING METHOD: | | HOLE DIAMETER: | | | | | |
| | | CASING TYPE: | | HOLE DEPTH: | | | | | |
| | | SLOT SIZE: | | WELL DEPTH: | | | | | |
| | | GRAVEL PACK: | | WELL DIAMETER: | | | | | |
| WELL COMPLETION | MOISTURE CONTENT | H-NU READING | PENETRATION RESISTANCE (BLOWS/FT) | DEPTH (FEET) | SAMPLE | GRAPHIC | SOIL TYPE | LITHOLOGY / REMARKS | |
| | Sat | 6.8 | >50 | 46 | | | SW | SAND - continued. | |
| | | | | 48 | | | | | @44': as above; trace to 5% coarse gravel; very dense; no product odor. |
| | Sat | 9.8 | >50 | 50 | | | | | @49': as above; very dense; strong product odor; product visible in fluid decanted from sample barrel. |
| | | | | 52 | | | | | |
| | Sat | 15.0 | >50 | 54 | | | | | @54': as above; dark blue gray; decrease gravel to <20%; increase clay and silt; very dense; no product odor. |
| | | | | 56 | | | | | |
| | | | | 58 | | | CL | CLAY; dark blue gray; 10-15% fine sand; light gray mottling; high plasticity; very stiff; no product odor. | |
| | Sat | 1.6 | >50 | 60 | | | SW | @60' 2": well graded sand as at 54'. | |
| | | | | 62 | | | | | |
| | | | | 64 | | | | | |
| | | | | 66 | | | | | |
| | | | | 68 | | | | | |
| | | | | 70 | | | | | |
| | | | | 72 | | | | | |
| | | | | 74 | | | | | |
| | | | | 76 | | | | | |
| | | | | 78 | | | | | |
| | | | | 80 | | | | | |
| | | | | 82 | | | | | |
| | | | | 84 | | | | | |
| | | | | 86 | | | | | |
| | | | | 88 | | | | | |

BOTTOM OF BORING AT 60.5'

Santa Clara Valley Water District



WELL INSPECTION COMPLETION NOTICE

FC 150A (02-06-86) (DP 4-901)

FROM: Groundwater Protection Section

DATE: 11-10-88

Well Permit No. 38W1648

Well/Boring No. "A2" 06S2W19A06A

Inspector MARC CARTER

Date of Inspection 11-9-88

Well Owner ARLO

Address of Well Site 983 San Antonio

City or County L.A.

Drilling Co. All Terrain

Consultant PEG

Purpose of Well:

- ☐ Domestic
☐ Agricultural
☐ Municipal/Industrial
☐ Cathodic Protection

*Monitoring Well Use

- ☐ Vadose
☒ Groundwater
☐ Other

1. Well completed according to provisions of Santa Clara Valley Water District Permit ☒ Yes ☐ No. If "No", see comments below
2. Depth of Surface Annular Seal = 29'

Comments:

Distribution: White - Groundwater Protection Sect. Pink - Cities or County (w/attach) Canary - Permittee Goldenrod - Water Revenue

Santa Clara Valley Water District
5750 Almaden Expressway
San Jose, California 95118
Telephone (408) 265-2600

S.C.V.W.D.

WELL CONSTRUCTION APPLICATION
FC 158 (02-06-86) (DP 4-901)

TO BE COMPLETED BY DISTRICT

| | | |
|-----------------------------|---------------------------|---------------------------|
| Well Permit No.: 88W1648 | Date issued: 9-27-88 | Well Registration No.: |
| Water Quality Zone: 1 | Expiration Date: 12-37-88 | Driller's Log No.: 267169 |
| Coordinates of Well "X" "Y" | | |

TO BE COMPLETED BY OWNER AND DRILLER

| | | |
|--|--|--|
| Property Owner: ARCO Petroleum Products Co. | Well Owner (if different): ARCO Petroleum Products Co. | Drilling Co.: ALL TERRAIN DRILLING |
| Address: 2000 ALAMEDA DE LAS PULGAS | ADDRESS OF WELL SITE: 988 SAN ANTONIO RD | Driller's Contractors License Number: (CS7 REQ'D) CS7-427836 |
| City, State, Zip: SAN MATEO, CA 94403 | City, State, Zip: LOS ALTOS, CA 94022 | Address: 2789 LIBERTY LANE |
| Telephone No.: 415-571-2400 | Telephone No.: 415-948-6743 | City, State, Zip: ROSEVILLE, CA 95678 |
| Assessor's Parcel No. of Well Site: Book 167 Page 16 Parcel 15 | Owner's/Consultant's Well No.: A-2 | Telephone No.: 916-771-0222 |

Estimated depth of completed well: ☐ Less than 50 ft. ☒ 50 to 300 ft. ☐ Over 300 ft.

Water Quality Zone No.: 1 (See Fig. 1 SCVWD Construction Standards. Use "BR" if bedrock).

Purpose of Well: ☐ Domestic ☐ Municipal/Industrial ☐ Agricultural ☒ Monitoring ☐ Cathodic Protection

*Monitoring wells are those constructed for the purpose of obtaining repetitive water level measurements and/or repetitive water samples for analyses. This includes wells constructed for general exploration and investigation purposes as well as those to be constructed in conformance with the Hazardous Materials Storage Permit Ordinance for specific groundwater monitoring of existing underground hazardous materials storage tanks.

THIS SECTION TO BE COMPLETED FOR ALL WELLS EXCEPT DOMESTIC WATER WELLS

Purpose of Monitoring Well: ☐ To comply with City or County Hazardous Materials Storage Permit Ordinance ☒ Exploration studies ☐ Extraction/Recovery

☐ Other (specify):

NAME OF BUSINESS AT WELL SITE: ARCO AM-PM MINI MARKET

If proposed well is to meet compliance with a Hazardous Materials Storage Permit Ordinance has the City or County been contacted? ☐ Yes ☐ No

If yes, give name of City or County: PACIFIC ENVIRONMENTAL GROUP, INC.

Consultant's Name (company): 1601 CIVIC CENTER DR. SUITE 202

Address: SANTA CLARA, CA 95050

City, State, Zip: (408) 984-6536

Telephone No.

| |
|--|
| Type of monitoring device: <input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Vadose |
| Monitoring well use: <input type="checkbox"/> Depth <input type="checkbox"/> Quality <input checked="" type="checkbox"/> Depth and Quality |
| <input type="checkbox"/> Chloride <input type="checkbox"/> Depth and Chloride |
| Vadose device installation: <input type="checkbox"/> Vapor <input type="checkbox"/> Interface <input type="checkbox"/> Suction Lysimeter |
| Signature of Responsible Professional: [Signature] |
| Registration No. OR Certificate No. Engineering Geologist |

TOPOGRAPHIC FEATURES

Is well to be constructed: ☐ In a public sidewalk ☐ In a public road ☐ On public property ☐ On private property

Within 50 ft. of the top of a creek bank ☐ Yes ☒ No

Within 50 ft. of a sanitary sewer ☐ Yes ☒ No

Within 100 ft. of a pit privy, septic tank, leachfield ☐ Yes ☒ No

Within 50 ft. of any existing well ☐ Yes ☐ No

Within 150 ft. of a cesspool or seepage pit ☐ Yes ☒ No

Plot well location on reverse side of this application

CERTIFICATION BY WELL OWNER/AGENT AND DRILLER/AGENT:

I certify that the information given above is correct to the best of my knowledge. I certify that the well will be constructed in compliance with the conditions of this permit, the Santa Clara Valley Water District's Ordinance 85-1 and, if applicable, the Hazardous Materials Storage Permit Ordinance of the County or City, as appropriate. It is my responsibility as the well owner to notify this District of any changes in the purpose of this well from that which is indicated on this application form.

| | | |
|--|--------------------|-------------------------------|
| Signature of Well Owner/Agent: [Signature] | Date: 9/29/88 | MONITORING WELL PLAN APPROVAL |
| Signature of Driller/Agent: [Signature] | Date: 9/29/88 | |
| City/County: _____ | Approved by: _____ | |
| Date: _____ | | |

IMPORTANT: A minimum 24-hour notice must be given to SCVWD Well Inspection Dept. prior to installing the annular seal. Call (408) 265-2600, Ext. 380. For weekends, holidays, after hours call (408) 395-8121 or (408) 265-2605.

2

ORIGINAL
File with DWR

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in

No. 007-233

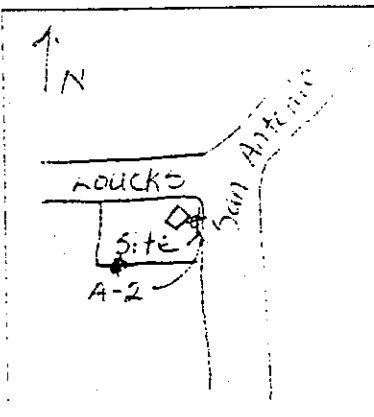
Notice of Intent No. _____
Local Permit No. or Date 88 WIT-49

State Well No. 0032N16411
Other Well No. A-2

(1) OWNER: Name ARCO Petroleum Products
Address 2000 Alameda de los Fuigas
City San Mateo CA Zip 94403

(2) LOCATION OF WELL (See instructions):
County Santa Clara Owner's Well Number A-2
Well address if different from above 4800 Santa Anita NC
Township Los Altos Range Section
Distance from cities, roads, railroad, fences, etc.

(12) WELL LOG: Total depth 60.5 ft Completed depth 59 ft
from ft to ft Formation (Describe by color, character, size or material)
0 - 1.5 Fill, asphalt
1.5 - 6.5 Clayey Gravel - Clayey Sand
6.5 - 13 Clayey Sand
13 - 18 Clayey Gravel - Clayey Sand
18 - 23.5 Sand
23.5 - 28.5 Clayey silt
28.5 - 34.5 Clayey Sand
34.5 - 50 Clayey Sand - Sand
50 - 60 Clay
60 - 60.5 Sand - well graded



TYPE OF WORK
New Well ☒ Deepening ☐
Reconstruction ☐
Reconditioning ☐
Horizontal Well ☐
Destruction ☐ Describe destruction materials and procedures in Item 12.

(4) PROPOSED USE
Domestic ☐
Irrigation ☐
Industrial ☐
Test Well ☐
Municipal ☐
Other ☒ Monitoring
(Describe Monitoring)

(5) EQUIPMENT
Rotary ☐ Inverse ☐
Cable ☐ Air ☐
Other ☒ Buckets ☐
Hollow Stem

(6) GRAVEL PACE
Yes ☒ No ☐ Size 6x12
Diameter of hole 8 inches
Packer 27 57 ft

(7) CASING INSTALLED
Steel ☐ Plastic ☒ Concrete ☐

(8) PERFORATION
Type of perforation or size of screen

| From ft | To ft | Dia in | Gage or Well | From ft | To ft | Slot size |
|---------|-------|--------|--------------|---------|-------|-----------|
| 0 | 64 | 8 | 42 | 29 | 59 | 10.620" |

(9) WELL SEAL
Was surface sampler seal installed? Yes ☒ No ☐ If yes, depth 37
Was strata seal or grout installed? Yes ☐ No ☐ If yes, depth
Method of sealing Cement

(10) WATER LEVELS
Depth of first water, if known 42
Standing level after well completion 42

(11) WELL TESTS
Was well test made? Yes ☐ No ☐
Tested by
Depth to water Start to test
Discharge rate (gpm) 100
Water level (ft) 42
Wave electric log made? Yes ☐ No ☐

WELL DRILLER'S CERTIFICATE
The well is a water well as indicated on the report and is not a test well.
Name John D. ...
Address ...
Phone ...
Date ...



APN: 16716045
988 N San Antonio Rd
Los Altos CA
94022

Well Annotations- 12 Wells Selected

| No | Well_nbr | Permit | Consultnum | Status | Easting | Northing |
|----|--------------|---------|------------|---------------------|---------|----------|
| 1 | 06S02W19A003 | 89W0407 | E-2 | Water Supply-Active | 6092632 | 1972144 |
| 2 | 06S02W19A004 | 89W0406 | E-1 | Water Supply-Active | 6092690 | 1972160 |
| 3 | 06S02W19A005 | 85W0557 | A-1 | Other-Active | 6092655 | 1972163 |
| 4 | 06S02W19A009 | 88W1649 | A-3 | Other-Active | 6092608 | 1972060 |
| 5 | 06S02W19A010 | 88W1648 | A-2 | Other-Active | 6092710 | 1972156 |
| 6 | 06S02W19A014 | 93W0695 | SP-1 | Other-Active | 6092624 | 1972150 |
| 7 | 06S02W19A015 | 93W0696 | V-1 | Other-Active | 6092624 | 1972150 |
| 8 | 06S02W19A016 | 93W0693 | SP-2 | Other-Active | 6092665 | 1972156 |
| 9 | 06S02W19A017 | 93W0694 | V-2 | Other-Active | 6092665 | 1972156 |
| 10 | 06S02W19A018 | 93W0698 | V-4 | Other-Active | 6092651 | 1972091 |
| 11 | 06S02W19A019 | 93W0697 | V-5 | Other-Active | 6092661 | 1972118 |
| 12 | 06S02W19A020 | 93W0699 | V-3 | Other-Active | 6092624 | 1972131 |

Wells.shp

- ⊕ Water Supply - Active
 - ⊕ Water Supply - Standby
 - Water Supply - Inactive
 - ⊕ Extraction (Env) - Active
 - Extraction (Env) - Inactive
 - ⊕ Other - Active
 - Other - Inactive
 - * Abandoned
 - ⊕ Destroyed
 - ▲ Status Undetermined
- Parcels.shp
- VALFLOOR.SHP
- Zone 1
 - Zone 2
 - Zone 3
 - Zone 4
 - Zone 5

Approximate Scale

20 0 20 40 Feet

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05D00622

| | | |
|--|--|--|
| Well Owner: Atlantic Richfield Company | Property Owner: Atlantic Richfield Company | Name of Business/Residence at Well Site: ARCO Service Station # 0707 |
| Well Owner's Mailing Address: P.O. Box 6549 | Property Owner's Mailing Address: P.O. Box 6549 | Address of Well Site: 988 San Antonio Road |
| City, State, Zip: Moraga, CA 94570 | City, State, Zip: Moraga, CA 94570 | City, State, Zip: Los Altos, CA |
| Telephone No.: 925-299-8891 | Telephone No.: 925-299-8891 | Assessor's Parcel Number of Well Site: Book: 167 Page: 16 Parcel: 045 |
| Consultant: URS Corporation | Drilling Company: Gregg Drilling | |
| Address: 1333 Broadway, Suite 800 | Address: 950 Howe Road | |
| City, State, Zip: Oakland, CA 94612 | City, State, Zip: Martinez, CA 94553 | |
| Telephone No.: 510-874-3026 Attn: John McCain | Telephone No.: 925-313-5800 | C-57 License No.: 485165 |
| <input type="checkbox"/> Check if address or phone number has changed. | <input type="checkbox"/> Check if address or phone number has changed. | |

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

Well Information

| | | |
|--|-----------------------------------|---|
| Well Registration No.: 06502W19A009 | Owner/Consultant Well No.: A-3 | Original Well Construction Permit No.: 88W1649 |
| Well Casing Depth: 54' | Total Boring Depth: 55.5' | Well Casing Diameter: 3" |

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

☐ Well on SCVWD property/easement* ☐ Well is within 50 feet of the top of a creek/river bank* (* See General Conditions, E.)

Well Description:

☒ Vertical Well ☐ Dewatering Well ☐ Elevator Shaft ☐ Multiple Casing ☐ Horizontal Wall ☐ Pit Well

Well Type: check all that apply

☐ Water Producing (supply or extraction) ☐ Contamination Cleanup ☐ Agricultural ☐ Domestic ☐ Municipal & Industrial ☐ Vapor Extraction
☒ Monitoring ☐ Inclinator ☒ Groundwater ☐ Vadose ☐ Piezometer ☐ Interface ☐ Suction Lysimeter ☐ Seismic
☐ Injection/Infiltration ☐ Contamination Cleanup ☐ Reclaimed Water ☐ Air Sparging
☐ Cathodic Protection

Additional Questions For Water Producing Wells

Does the well have: 1. Outer conductor casing? ☐ Yes ☒ No
2. Annular cement seal outside of casing at surface? ☐ Yes ☒ No
3. A S.C.V.W.D. water meter attached? ☐ Yes ☒ No

Type of Original Drilling Method:

☐ Rotary ☐ Cable-Tool ☐ Hand Dug Pit Well ☒ Hollow Stem Auger ☐ Other:

IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120.
Please allow 10 working days to process permit application.

SEP 5 2005

S.C.V.W.D.

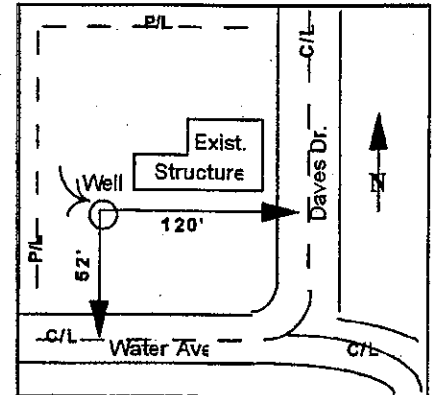
Site Plan

WELL LOCATION

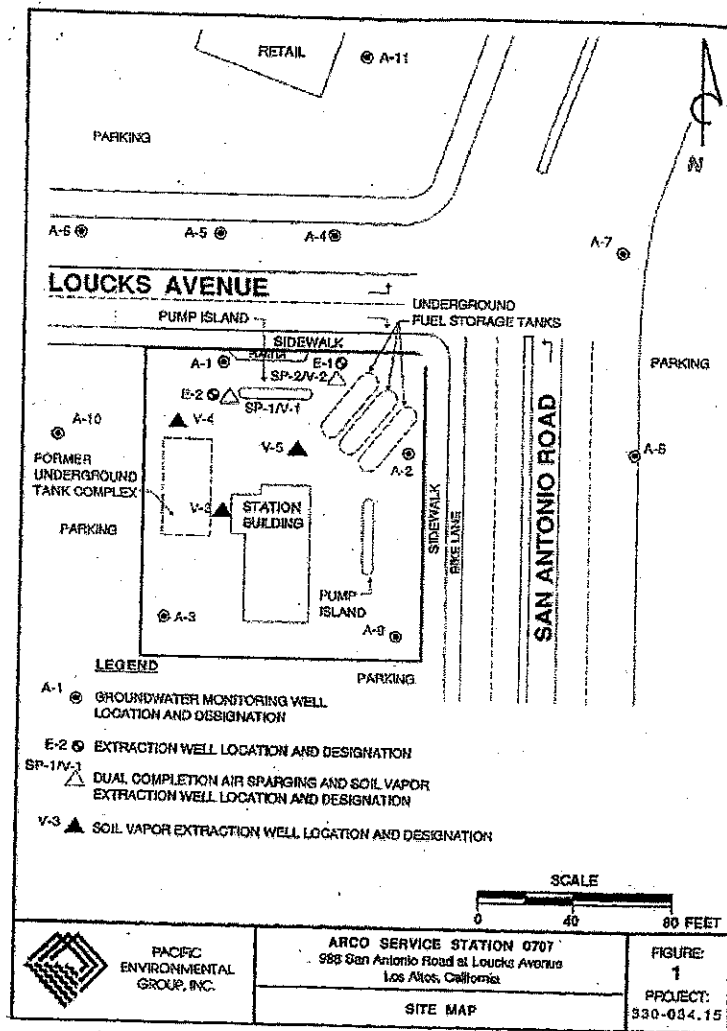
(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Sketch v



Please allow 10 working days to process this application.


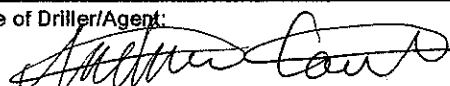
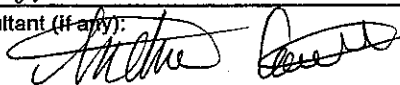
Please describe, in detail, the proposed destruction method*:

Well destruction via pressure grout according to SCVWD guidelines.

*Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

NOTE: All applicable signatures must be present before permit will be processed.

| | | |
|--|--|-----------------|
| Signature of Well Owner/Agent:  | Print Name: Andrew Fowler URS for Atlantic Richfield Co | Date: 9/2/05 |
| Signature of Driller/Agent:  | Print Name: Andrew Fowler URS for Gregg Drilling | Date: 9/2/05 |
| Signature of Consultant (if any):  | Print Name: Andrew Fowler URS | Date: 9/2/05 |

DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).

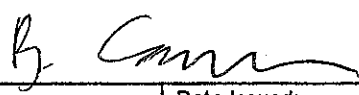
NOTE: Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of 54 feet, with a minimum bore of 8 inches.

☐ Clean out well casing to a total depth of _____ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). NOTE: Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: _____

☐ Other: _____

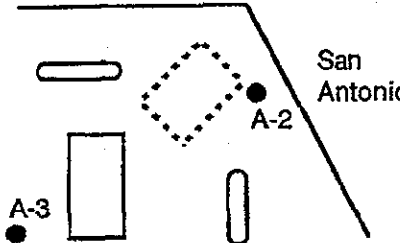
| | | | |
|--|-------------------------|-----------------------------|------------------------------|
| Permit Approved By:  | | Date: 9-14-05 | |
| District Permit No.: 05D00622 | Date Issued: 9-20-05 | Expiration Date: 3-20-06 | Driller's Log No.: 030189 |

Please allow 10 working days to process this application.

GENERAL CONDITIONS

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

| LOCATION MAP Loucks | | | | PACIFIC ENVIRONMENTAL GROUP, INC. | | | | WELL / A-3 BORING NO. PAGE 1 OF 2 | |
|---|------------------|--------------|-----------------------------------|---|--------|---------|-----------|--|--|
|  | | | | PROJECT NO. 330-34.02 LOGGED BY: DKU DRILLING METHOD: HSA SAMPLING METHOD: CAL MOD CASING TYPE: Sch 40 PVC SLOT SIZE: 0.020" GRAVEL PACK: 6 X 12 SAND | | | | CLIENT: ARCO DATE DRILLED: 11/4/88 LOCATION: San Antonio and Loucks HOLE DIAMETER: 8" HOLE DEPTH: 55.5' WELL DEPTH: 54' WELL DIAMETER: 3" | |
| WELL COMPLETION | MOISTURE CONTENT | H-NU READING | PENETRATION RESISTANCE (BLOWS/FT) | DEPTH (FEET) | SAMPLE | GRAPHIC | SOIL TYPE | LITHOLOGY / REMARKS | |
| CONCRETE | Dp | 0 | 34 | 2 | | | CL | FILL; asphalt; 4" of base fill. | |
| | | | | 4 | | | | SANDY CLAY; red brown; 15-20% fine sand; 5% medium to coarse sand; angular to sub-rounded; trace to 5% gravel; rootholes; hard; no product odor. | |
| | Dp | 0 | >50 | 10 | | | SC | CLAYEY SAND; yellow brown; 30% silt and clay; 30% fine sand; 35% medium to coarse sand; sub-angular to angular; 5% gravel; angular to sub-angular; rootholes; caliche nodules; very dense to hard; no product odor. | |
| | Dp | 1 | 28 | 14 | | | SW | GRAVELLY SAND; 15% clay and silt 20% fine sand; 40% medium to coarse sand; 25% gravel; sub-angular to sub-rounded; chert and lithics; medium dense; no product odor. | |
| | Dp | 0 | 30 | 20 | | | ML | SANDY SILT; yellow brown; 30% fine sand; 10% medium to coarse sand; sub-angular to angular; 5% gravel; chert and shale; sub-angular to sub-rounded; rootholes; very stiff; no product odor. | |
| | Dp | 0 | 22 | 24 | | | | @24': as above; yellow brown with olive mottling; 20% fine sand; 5-10% medium to coarse sand; sub-angular to well rounded; rootholes; gray stains around rootholes; trace charcoal in thin lenses; very stiff; no product odor. | |
| | | | | 26 | | | GM | SILTY GRAVEL; yellow brown; 20% clay and silt; 5% fine sand; 20% medium to coarse sand; angular to rounded; medium dense; no product odor. | |
| | Mst | 0 | 25 | 30 | | | ML | SANDY SILT; yellow brown with ochre yellow mottling; 10% fine sand; 20% medium to very coarse sand; sub-rounded to rounded; trace gravel; rootholes; trace charcoal in lenses; very stiff; no product odor. | |
| | Dp-Mst | 1.5 | 29 | 34 | | | | @34': as above; light brown; gray mottling; 10% fine; 10-15% medium to coarse sand; sub-angular to sub-rounded; metamorphics; trace to 5% fine to coarse gravel; sub-rounded to rounded; rootlet holes with gray mottling; trace charcoal; stiff; no product odor. | |
| | Mst | 3 | 40 | 40 | | | GW | SANDY GRAVEL; brown; trace to 5% clay and silt; 10% fine sand; 30% medium to coarse sand; angular to sub-rounded; gravel; angular to sub-rounded; dense; no product odor. | |
| SAND | | | | 42 | | | | | |
| | | | | 44 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

LOCATION MAP

PACIFIC ENVIRONMENTAL GROUP, INC.

WELL / A-3
BORING NO.
PAGE 2 OF 2

See Page One

PROJECT NO. 330-34.02

CLIENT:

LOGGED BY:

DATE DRILLED:

DRILLING METHOD:

LOCATION:

SAMPLING METHOD:

HOLE DIAMETER:

CASING TYPE:

HOLE DEPTH:

SLOT SIZE:

WELL DEPTH:

GRAVEL PACK:

WELL DIAMETER:

| WELL COMPLETION | MOISTURE CONTENT | H-NU READING | PENETRATION RESISTANCE (BLOWS/FT) | DEPTH (FEET) | SAMPLE | GRAPHIC | SOIL TYPE | LITHOLOGY / REMARKS |
|-------------------------|------------------|--------------|-----------------------------------|--------------|--------|---------|-----------|--|
| SAND CLAYED SLUFF | | 0 | >50 | 46 | | | GW | SANDY GRAVEL - continued. @44': as above; gravelly sand; interbeds; no sample retained for analysis. @46': trace to brown; trace clay and silt; trace to 5% fine sand; angular to sub-rounded; 15% medium to coarse sand; angular to sub-angular; 40% gravel; angular to rounded; very dense; no product odor. |
| | | 0 | >50 | 50 | | | SP | SAND; dark brown; trace silt and clay; trace to 5% fine sand; 20% medium to coarse sand; angular to rounded; 75% coarse sand; angular to rounded; arkosic; very dense; no product odor. |
| | | 0 | >50 | 54 | | | GC | CLAYEY GRAVEL; dark gray; 20% clay and silt; 20% fine sand; 20% medium to coarse sand; angular to sub-rounded; arkosic sand and shale fragments; 40% gravel; sub-angular to rounded; very dense; no product odor. |
| | | | | 56 | | | | |
| | | | | 58 | | | | |
| | | | | 60 | | | | |
| | | | | 62 | | | | |
| | | | | 64 | | | | |
| | | | | 66 | | | | |
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| | | | | 82 | | | | |
| | | | | 84 | | | | |
| | | | | 86 | | | | |
| | | | | 88 | | | | |

BOTTOM OF BORING AT 55.5'

Santa Clara Valley Water District

WELL INSPECTION COMPLETION NOTICE
FC 158A (07-06-86) (DP 4-901)

FROM: Groundwater Protection Section

DATE: 11-10-88

Well Permit No. 88W1649

Well/Boring No. A-3 06S2W19A05A

Inspector C. Misure

Date of Inspection 11-8-88

Well Owner Ann Petaluma Products Co

Address of Well Site 9-58 SAN ANTONIO RD

City or County LOS ANGELES

Drilling Co. ALL TERRAIN DRILLING

Consultant Pacific Electric Group

Purpose of Well:

- ☐ Domestic
☐ Agricultural
☐ Municipal/Industrial
☐ Cathodic Protection

*Monitoring Well Use

- ☐ Vadose
☒ Groundwater
☐ Other

1. Well completed according to provisions of Santa Clara Valley Water District Permit

☒ Yes

☐ No (If "No", see comments below)

2. Depth of Surface Annular Seal = 22'

Comments: Yellow Sand

20' Gravel

2' Bentonite

TD 55.5'

Distribution: White = Groundwater Protection Sect. Pink = Cities or County (w/attach)

Canary = Permittee Goldenrod = Water Revenue

Santa Clara Valley Water District
5750 Almaden Expressway
San Jose, California 95118
Telephone (408) 265-2600

WELL CONSTRUCTION APPLICATION
FC 15B (02-06-86) (DP 4-901)

5. TO BE COMPLETED BY DISTRICT

| | | |
|---|---------------------------|---------------------------|
| Well Permit No.: 88W1649 | Date Issued: 9-27-88 | Well Registration No.: |
| Water Quality Zone: 1 | Expiration Date: 12-27-88 | Driller's Log No.: 267170 |
| Coordinates of Well "X" _____ "Y" _____ | | |

TO BE COMPLETED BY OWNER AND DRILLER

| | | |
|--|--|--|
| Property Owner: ARCO Petroleum Products Co. | Well Owner (if different): ARCO Petroleum Products Co. | Drilling Co.: ALL TERRAIN DRILLING |
| Address: 2000 ALAMEDA DE LAS PULGAS | ADDRESS OF WELL SITE: 988 SAN ANTONIO RD | Driller's Contractors License Number: (C57 RCQ'8) C57-43783L |
| City, State, Zip: SAN MATEO, CA 94403 | City, State, Zip: LOS ALTOS, CA 94022 | Address: 2789 LIBERTY LANE |
| Telephone No.: 415-571-2400 | Telephone No.: 415-948-6743 | City, State, Zip: ROSELVILLE, CA 95678 |
| Assessor's Parcel No. of Well Site: Book 167 Page 16 Parcel 15 | Owner's/Consultant's Well No.: A-3 | Telephone No.: 916-771-0222 |

Estimated depth of completed well: ☐ Less than 50 ft. ☒ 50 to 300 ft. ☐ Over 300 ft.
Water Quality Zone No.: 1 (See Fig. 1 SCVWD Construction Standards. Use "BR" if bedrock).
Purpose of Well: ☐ Domestic ☐ Municipal/Industrial ☐ Agricultural ☒ Monitoring ☐ Cathodic Protection

*Monitoring wells are those constructed for the purpose of obtaining repetitive water level measurements and/or repetitive water samples for analyses. This includes wells constructed for general exploration and investigation purposes as well as those to be constructed in conformance with the Hazardous Materials Storage Permit Ordinance for site-specific groundwater monitoring of existing underground hazardous materials storage tanks.

THIS SECTION TO BE COMPLETED FOR ALL WELLS EXCEPT DOMESTIC WATER WELLS

Purpose of Monitoring Well: ☐ To comply with City or County Hazardous Materials Storage Permit Ordinance ☒ Exploration studies ☐ Extraction/Recovery
☐ Other (specify): _____

NAME OF BUSINESS AT WELL SITE: ARCO AM-PM MINI MARKET

If proposed well is to meet compliance with a Hazardous Materials Storage Permit Ordinance has the City or County been contacted? ☐ Yes ☐ No

If yes, give name of City or County

PACIFIC ENVIRONMENTAL GROUP, INC.
Consultant's Name (company)

1601 CIVIC CENTER DR. SUITE 202
Address

SANTA CLARA, CA 95050
City, State, Zip

(408) 984-6536
Telephone No.

| |
|--|
| Type of monitoring device: <input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Vadose |
| Monitoring well use: <input type="checkbox"/> Depth <input type="checkbox"/> Quality <input checked="" type="checkbox"/> Depth and Quality |
| <input type="checkbox"/> Chloride <input type="checkbox"/> Depth and Chloride |
| Vadose device installation: <input type="checkbox"/> Vapor <input type="checkbox"/> Interface <input type="checkbox"/> Suction Lysimeter |
| Signature of Responsible Professional: Kelly B. for Sam White |
| Registration No. CEC 1272 |
| Civil Engineer OR Certificate No. Engineering Geologist |

TOPOGRAPHIC FEATURES

Is well to be constructed: ☐ In a public sidewalk ☐ In a public road ☐ On public property ☐ On private property

Within 50 ft. of the top of a creek bank ☐ Yes ☒ No

Within 50 ft. of a sanitary sewer ☐ Yes ☒ No

Within 100 ft. of a pit privy, septic tank, leachfield ☐ Yes ☒ No

Within 50 ft. of any existing well ☐ Yes ☐ No

Within 150 ft. of a cesspool or seepage pit ☐ Yes ☒ No

Plot well location on reverse side of this application

CERTIFICATION BY WELL OWNER/AGENT AND DRILLER/AGENT:

I certify that the information given above is correct to the best of my knowledge. I certify that the well will be constructed in compliance with the conditions of this permit, the Santa Clara Valley Water District's Ordinance 85-1 and, if applicable, the Hazardous Materials Storage Permit Ordinance of the County or City, as appropriate. It is my responsibility as the well owner to notify this District of any changes in the purpose of this well from that which is indicated on this application form.

Signature of Well Owner/Agent: Kelly B.

Signature of Driller/Agent: Kelly B.

9/20/88
Date

9/20/88
Date

MONITORING WELL PLAN APPROVAL

City/County: _____
Approved by: _____
Date: _____

IMPORTANT: A minimum 24-hour notice must be given to SCVWD Well Inspection Dept. prior to installing the annular seal.
Call (408) 265-2600, Ext. 380. For weekends, holidays, after hours call (408) 395-8121 or (408) 265-2605.

2

ORIGINAL
File with DWR

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in

No. 267170

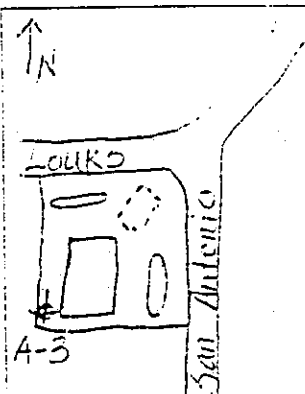
Notice of Intent No. _____
Local Permit No. or Date 88W1649

State Well No. 0652WRA05A
Other Well No. A-3

(1) OWNER: Name ARCO Petroleum Products
Address 2000 Alameda de las Huigas
City San Mateo CA Zip 94402

(2) LOCATION OF WELL (See instructions):
County Santa Clara Owner's Well Number A-3
Well address if different from above 988 San Antonio Rd.
Township 11S Range 4E Section _____
Distance from city, road, railroad, fence, etc. _____

(12) WELL LOG: Total depth 55.5 ft Completed depth 54 ft
from ft to ft Formation (Describe by color, character, size or material)
0 - 1.5 Fill - asphalt
1.5 - 8.5 Sandy Clay
8.5 - 14 Clayey Sand
14 - 18 Gravelly Sand
18 - 25.5 Sandy Silt
25.5 - 29 Silty Gravel
29 - 38 Sandy Silt
38 - 49 Sandy Gravel
49 - 52.5 Sand
52.5 - 55.5 Clayey Gravel



TYPE OF WELL
☒ New Well ☒ Deepening
☐ Reconstruction
☐ Reconditioning
☐ Horizontal Well
☐ Destruction ☐ Describe destruction materials and procedures in Item 12
PROPOSED USE
☐ Domestic
☐ Irrigation
☐ Industrial
☐ Test Well
☐ Municipal
☒ Other Monitoring

8. EQUIPMENT

Motor ☐ Inverse ☐
Cable ☐ Air ☐
Other ☒ Bucket ☐

Hollow Stem

9. CASING INSTALLED

Steel ☐ Plastic ☒ Cement ☐ Type or performance size of screen

| From ft | To ft | Depth ft | Casing Wall | From ft | To ft | Sho size |
|---------|-------|----------|-------------|---------|-------|----------|
| 0 | 54 | 54 | 40 | 24 | 54 | 0.020 |

10. WELL SEAL

Was surface seal installed? ☒ Yes ☐ No 22

Were test materials used for isolation? ☐ Yes ☒ No

Method of sealing Concrete and Bentonite

11. WATER LEVELS

Depth of first water if known 41

Standing level after well construction 45.5

12. WELL TEST

Was well test made? ☐ Yes ☒ No

Test period from _____ to _____

Depth to water at start of test _____

Discharge _____

Bottom of casing _____

Was well test made? ☐ Yes ☒ No

Additional seal is needed ☐ Yes ☒ No

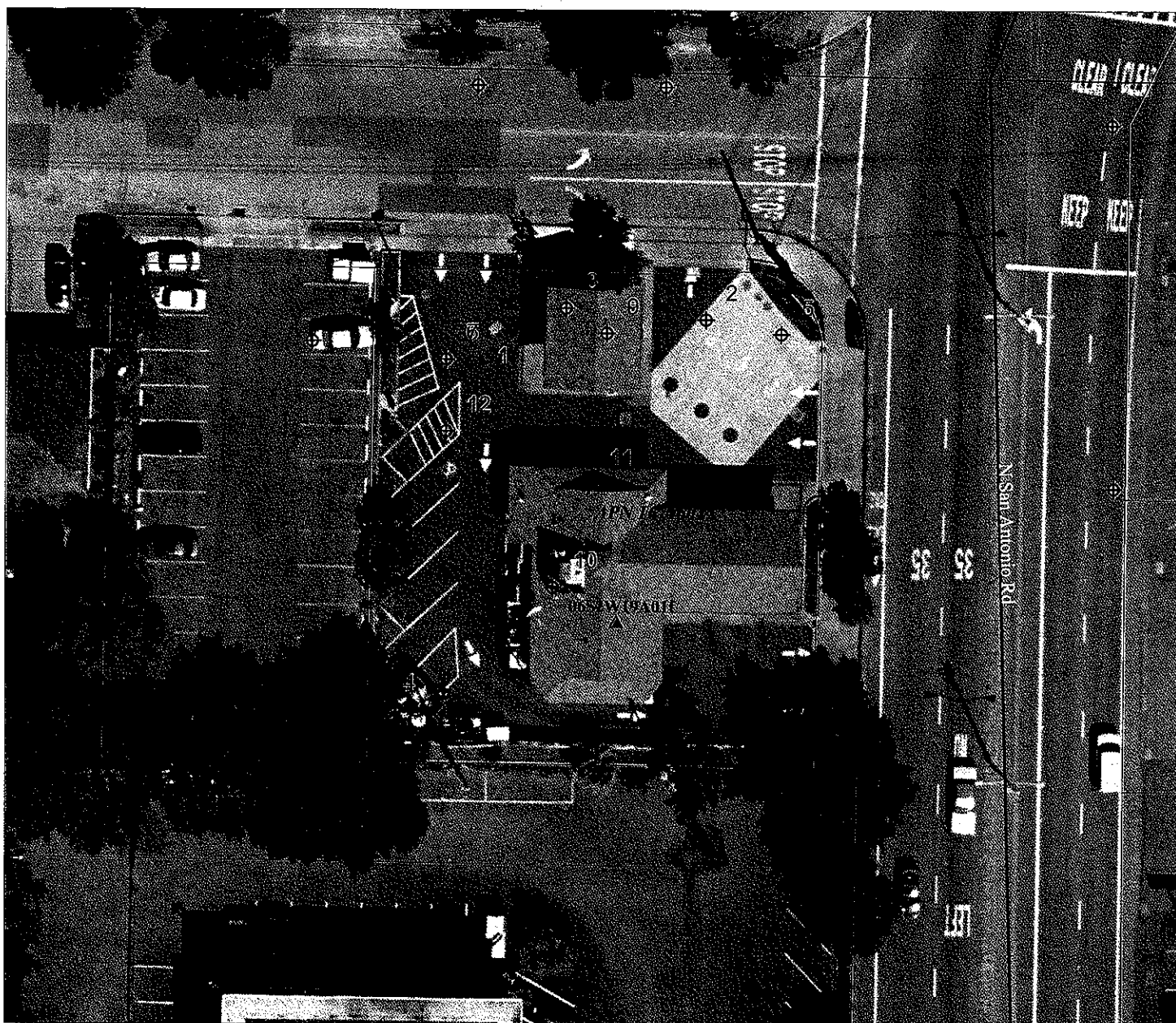
NEW CONSECUTIVE WELL NUMBER FOR _____

Log date 11-3 88 11-4 88

WELL DRILLER'S STATEMENT

I, Irina Berry for ATD
All Terrain Drilling (ATD)
2789 Liberty Ln.
Roseville
95678
957-437856
12/30/88

(4)



APN: 16716045
988 N San Antonio Rd
Los Altos CA
94022

Well Annotations- 12 Wells Selected

| No | Well_nbr | Permit | Consultnum | Status | Easting | Northing |
|----|--------------|---------|------------|---------------------|---------|----------|
| 1 | 06S02W19A003 | 89W0407 | E-2 | Water Supply-Active | 6092632 | 1972144 |
| 2 | 06S02W19A004 | 89W0406 | E-1 | Water Supply-Active | 6092690 | 1972160 |
| 3 | 06S02W19A005 | 85W0557 | A-1 | Other-Active | 6092655 | 1972163 |
| 4 | 06S02W19A009 | 88W1649 | A-3 | Other-Active | 6092608 | 1972060 |
| 5 | 06S02W19A010 | 88W1648 | A-2 | Other-Active | 6092710 | 1972156 |
| 6 | 06S02W19A014 | 93W0695 | SP-1 | Other-Active | 6092624 | 1972150 |
| 7 | 06S02W19A015 | 93W0696 | V-1 | Other-Active | 6092624 | 1972150 |
| 8 | 06S02W19A016 | 93W0693 | SP-2 | Other-Active | 6092665 | 1972156 |
| 9 | 06S02W19A017 | 93W0694 | V-2 | Other-Active | 6092665 | 1972156 |
| 10 | 06S02W19A018 | 93W0698 | V-4 | Other-Active | 6092651 | 1972091 |
| 11 | 06S02W19A019 | 93W0697 | V-5 | Other-Active | 6092661 | 1972118 |
| 12 | 06S02W19A020 | 93W0699 | V-3 | Other-Active | 6092624 | 1972131 |

- Wells.shp
- Water Supply - Active
 - Water Supply - Standby
 - Water Supply - Inactive
 - Extraction (Env) - Active
 - Extraction (Env) - Inactive
 - Other - Active
 - Other - Inactive
 - Abandoned
 - Destroyed
 - Status Undetermined
- Parcels.shp
- Fuelleak.shp
- VALFLOOR.SHP
- Zone 1
 - Zone 2
 - Zone 3
 - Zone 4
 - Zone 5

Approximate Scale

20 0 20 40 Feet

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686
Please complete all information.

DISTRICT PERMIT NO.:

05D00621

| | | |
|--|--|--|
| Well Owner: Atlantic Richfield Company | Property Owner: Atlantic Richfield Company | Name of Business/Residence at Well Site: ARCO Service Station # 0707 |
| Well Owner's Mailing Address: P.O. Box 6549 | Property Owner's Mailing Address: P.O. Box 6549 | Address of Well Site: 988 San Antonio Road |
| City, State, Zip: Moraga, CA 94570 | City, State, Zip: Moraga, CA 94570 | City, State, Zip: Los Altos, CA |
| Telephone No.: 925-299-8891 | Telephone No.: 925-299-8891 | Assessor's Parcel Number of Well Site: Book: 167 Page: 16 Parcel: 045 |
| Consultant: URS Corporation | Drilling Company: Gregg Drilling | |
| Address: 1333 Broadway, Suite 800 | Address: 950 Howe Road | |
| City, State, Zip: Oakland, CA 94612 | City, State, Zip: Martinez, CA 94553 | |
| Telephone No.: 510-874-3026 Attn: John McCain | Telephone No.: 925-313-5800 | C-57 License No.: 485165 |
| <input type="checkbox"/> Check if address or phone number has changed. | <input type="checkbox"/> Check if address or phone number has changed. | |

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

Well Information

| | | |
|--|-----------------------------------|---|
| Well Registration No.: 06S02W19A007 | Owner/Consultant Well No.: A-4 | Original Well Construction Permit No.: 88W1650 |
| Well Casing Depth: 571 | Total Boring Depth: 58.51 | Well Casing Diameter: 3" |

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

| | | |
|---|---|---|
| <input type="checkbox"/> Well on SCVWD property/easement* | <input type="checkbox"/> Well is within 50 feet of the top of a creek/river bank* | (* See General Conditions, E.) |
| Well Description: | | |
| <input checked="" type="checkbox"/> Vertical Well | <input type="checkbox"/> Dewatering Well | <input type="checkbox"/> Elevator Shaft |
| <input type="checkbox"/> Multiple Casing | <input type="checkbox"/> Horizontal Wall | <input type="checkbox"/> Pit Well |
| Well Type: check all that apply | | |
| <input type="checkbox"/> Water Producing (supply or extraction) | <input type="checkbox"/> Contamination Cleanup | <input type="checkbox"/> Agricultural |
| <input type="checkbox"/> Domestic | <input type="checkbox"/> Municipal & Industrial | <input type="checkbox"/> Vapor Extraction |
| <input checked="" type="checkbox"/> Monitoring | <input type="checkbox"/> Inclinator | <input checked="" type="checkbox"/> Groundwater |
| <input type="checkbox"/> Vadose | <input type="checkbox"/> Piezometer | <input type="checkbox"/> Interface |
| <input type="checkbox"/> Suction Lysimeter | <input type="checkbox"/> Seismic | |
| <input type="checkbox"/> Injection/infiltration | <input type="checkbox"/> Contamination Cleanup | <input type="checkbox"/> Reclaimed Water |
| <input type="checkbox"/> Air Sparging | | |
| <input type="checkbox"/> Cathodic Protection | | |

Additional Questions For Water Producing Wells

| | | |
|---|--|---|
| Does the well have: | 1. Outer conductor casing? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| | 2. Annular cement seal outside of casing at surface? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| | 3. A S.C.V.W.D. water meter attached? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Type of Original Drilling Method: | | |
| <input type="checkbox"/> Rotary | <input type="checkbox"/> Cable-Tool | <input type="checkbox"/> Hand Dug Pit Well |
| <input checked="" type="checkbox"/> Hollow Stem Auger | <input type="checkbox"/> Other: | |

IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120.
Please allow 10 working days to process permit application.

SEP 5 2005

S.C.V.W.D.
WELLS

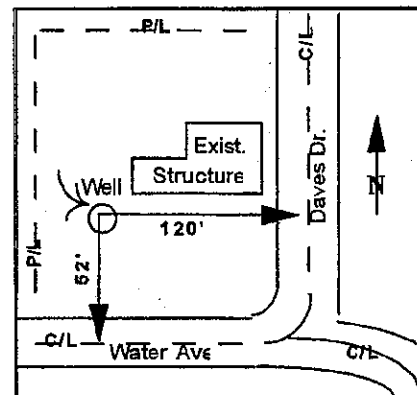
Site Plan

WELL LOCATION

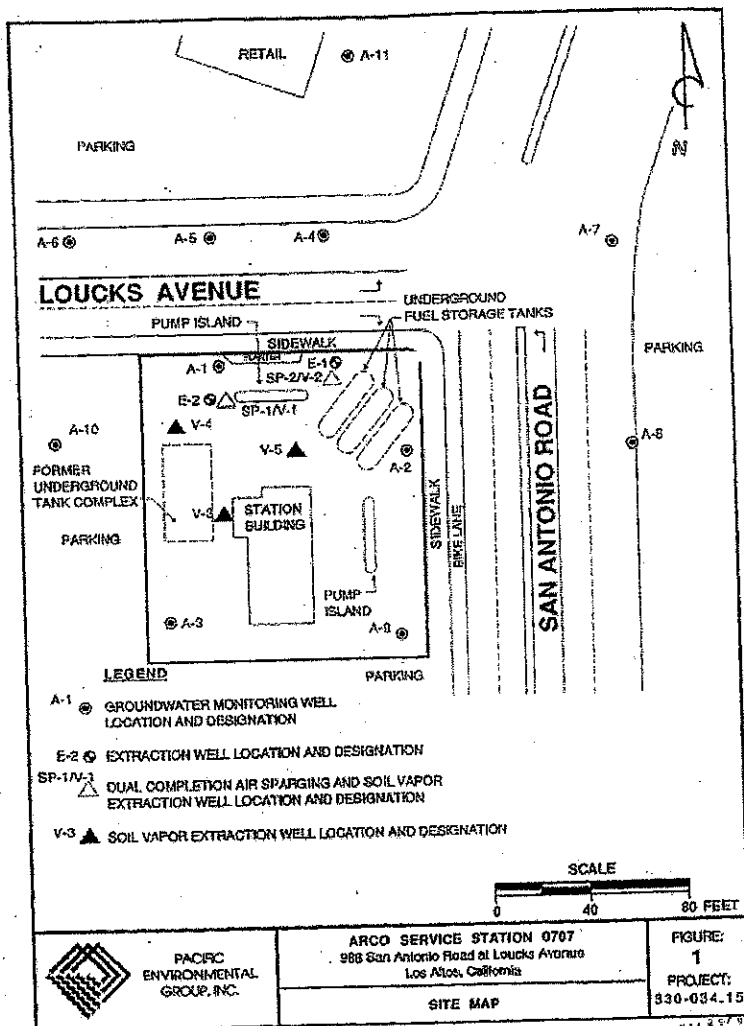
(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Sketch well loc



Please allow 10 working days to process this application.

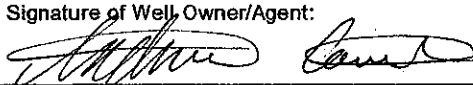
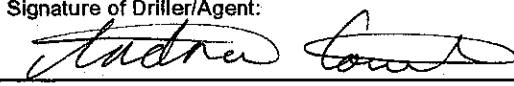
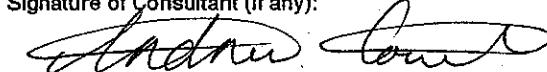
Please describe, in detail, the proposed destruction method*:

Well destruction via pressure grout according to SCVWD guidelines.

* Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

NOTE: All applicable signatures must be present before permit will be processed.

| | | |
|---|--|-----------------|
| Signature of Well Owner/Agent:  | Print Name: Andrew Fowler URS for Atlantic Richfield Co | Date: 9/2/05 |
| Signature of Driller/Agent:  | Print Name: Andrew Fowler URS for Gregg Drilling | Date: 9/2/05 |
| Signature of Consultant (if any):  | Print Name: Andrew Fowler URS | Date: 9/2/05 |

DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).


OR NOTE: Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of 58 feet, with a minimum bore of 8 inches.

☐ Clean out well casing to a total depth of _____ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). NOTE: Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: _____

☐ Other: _____

| | |
|--|------------------------------|
| Permit Approved By:  | Date: 9-14-05 |
| District Permit No.: 05D00621 | Date Issued: 9-20-05 |
| Expiration Date: 3-20-06 | Driller's Log No.: 030188 |

Please allow 10 working days to process this application.

GENERAL CONDITIONS

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

| LOCATION MAP | | PACIFIC ENVIRONMENTAL GROUP, INC. | | | | WELL / A-4 BORING NO. PAGE 1 OF 2 | | |
|-----------------|------------------|---|-----------------------------------|--------------|----------------|---|---|--|
| | | PROJECT NO. 330-34.02 LOGGED BY: DKU DRILLING METHOD: HSA SAMPLING METHOD: CAL MOD CASING TYPE: Sch 40 PVC SLOT SIZE: 0.020" GRAVEL PACK: 6 X 12 SAND | | | | CLIENT: ARCO DATE DRILLED: 11/7/88 LOCATION: San Antonio and Loucks HOLE DIAMETER: 8" HOLE DEPTH: 58.5' WELL DEPTH: 57' WELL DIAMETER: 3" | | |
| WELL COMPLETION | MOISTURE CONTENT | H-NU READING | PENETRATION RESISTANCE (BLOWS/FT) | DEPTH (FEET) | SAMPLE GRAPHIC | SOIL TYPE | LITHOLOGY / REMARKS | |
| CONCRETE | Dry | | | 2 | | GC | FILL; asphalt; base fill. | |
| | Dry | 0 | PUSH | 4 | | | CLAYEY GRAVEL; dark yellow brown; 25% clay and silt; 10% fine sand; 20% medium to coarse sand; gravel; sub-rounded to rounded; dense; no product odor. | |
| | Dp | 0 | 48 | 10 | | SC | CLAYEY SAND; yellow brown with orange mottling; 35% silt and clay; 30% fine sand; 15% medium to coarse sand (arkosic); 20% gravel; angular to sub-rounded; dense; no product odor. | |
| | Dp | 1 | 40 | 14 | | ML | SANDY SILT; dark yellow brown; 15% fine sand; 10% medium to coarse sand; angular to sub-rounded; trace gravel; trace sandy caliche nodules; hard; no product odor. | |
| | Dp | 0 | 19 | 20 | | ML | CLAYEY SAND; yellow brown with orange mottling; 30% clay and silt; 30% fine sand; 20% medium to coarse sand; angular to sub-rounded; 20% fine to medium gravel; sub-angular to rounded; iron oxide stained; dense; no product odor. | |
| | Dp-Mst | 0 | 10 | 24 | | | SANDY SILT; dark yellow brown; 20% fine sand; 10% medium to coarse sand; angular to sub-rounded; 5% fine gravel; very stiff; no product odor. | |
| | Dp-Mst | 0 | 23 | 30 | | | @24': as above; yellow brown; with olive mottling; 10% fine sand; 10% medium to coarse sand; sub-angular to rounded; trace gravel; rootholes; stiff; no product odor. @29': as above; very stiff; no product odor. | |
| | Dp-Mst | 0 | >50 | 34 | | CL | GRAVELLY CLAY; yellow brown with gray mottling; 20% fine sand; 10% medium to coarse sand; angular to sub-rounded; minor limonitic clay nodules (5mm); trace charcoal; hard; no product odor. | |
| | Mst | 4.0 | 48 | 40 | | SC | CLAYEY SAND; yellow brown; 15% clay and silt; 50% fine sand; 25% medium to coarse sand; angular to sub-angular; 10% fine to medium gravel; angular to sub-rounded; dense; no product odor. | |
| | | | | 42 | | | | |
| | | | | 44 | | SW | GRAVELLY SAND - see next page. | |
| | BENTONITE | | | | | | | |
| | SAND | | | | | | | |

| LOCATION MAP | | PACIFIC ENVIRONMENTAL GROUP, INC. | | | | WELL / A-4 BORING NO. PAGE 2 OF 2 | | |
|-----------------|------------------|-----------------------------------|-----------------------------------|----------------|--------|---|-----------|--|
| See Page One | | PROJECT NO. 330-34.02 | | CLIENT: | | | | |
| | | LOGGED BY: | | DATE DRILLED: | | | | |
| | | DRILLING METHOD: | | LOCATION: | | | | |
| | | SAMPLING METHOD: | | HOLE DIAMETER: | | | | |
| | | CASING TYPE: | | HOLE DEPTH: | | | | |
| | | SLOT SIZE: | | WELL DEPTH: | | | | |
| | | GRAVEL PACK: | | WELL DIAMETER: | | | | |
| WELL COMPLETION | MOISTURE CONTENT | H-NU READING | PENETRATION RESISTANCE (BLOWS/FT) | DEPTH (FEET) | SAMPLE | GRAPHIC | SOIL TYPE | LITHOLOGY / REMARKS |
| | Mst - Wt | | >50 | 46 | | | SW | GRAVELLY SAND - continued; brown; 20% fine sand; 60% medium to coarse sand; angular to sub-rounded; 20% fine gravel; angular to sub-angular; very dense; faint product odor. @49': as above; moderate product odor. @54': as above; no product odor. SC CLAYEY SAND; dark gray; 25% clay and silt; fine sand; 10-15% medium to coarse sand; trace gravel; very dense; no product odor. CLAY; dark gray; 5-10% fine to coarse sand; increase fines to 50%; high plasticity; very stiff; no product odor. BOTTOM OF BORING AT 58.5' |
| | Sat | 36 | >50 | 50 | | | | |
| | Sat | 3.6 | >50 | 54 | | | | |
| | | 4.2 | 23 | 58 | | | | |
| | | | | 60 | | | | |
| | | | | 62 | | | | |
| | | | | 64 | | | | |
| | | | | 66 | | | | |
| | | | | 68 | | | | |
| | | | | 70 | | | | |
| | | | 72 | | | | | |
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| | | | 84 | | | | | |
| | | | 86 | | | | | |
| | | | 88 | | | | | |

Santa Clara Valley Water District

WELL INSPECTION COMPLETION NOTICE

FC 158A (02-06-86) (DP 4-901)

FROM: Groundwater Protection Section

DATE: 11-10-88

Well Permit No. 88141650

Well/Boring No. A-4 0652W19A03A

Inspector C. Mearns

Date of Inspection 11-8-88

Well Owner Mrs. Petrelewa Products Co

Address of Well Site 288 San Antonio

City or County Los Altos

Drilling Co. All Terrain

Consultant Pacific Env. Group

Purpose of Well:

- ☐ Domestic
☐ Agricultural
☐ Municipal/Industrial
☐ Cathodic Protection

*Monitoring Well Use

- ☐ Vadoso
☒ Groundwater
☐ Other

1. Well completed according to provisions of Santa Clara Valley Water District Permit ☒ Yes ☐ No (If "No", see comments below)
2. Depth of Surface Annular Seal = 30'

Comments: Below San Angel
28' Cement
2' Portland

TD = 58.5

Distribution: White = Groundwater Protection Sect. Pink = Cities or County (w/attach)

Canary = Permittee Goldenrod = Water Revenue

①

Santa Clara Valley Water District
5750 Almaden Expressway
San Jose, California 95118
Telephone (408) 265-2600

WELL CONSTRUCTION APPLICATION
FC 168 (02-06-86) (DP 4-901)

S.C.V.W.D.

TO BE COMPLETED BY DISTRICT

| | | |
|------------------------------|---------------------------|---------------------------|
| Well Permit No.: 88W1650 | Date Issued: 9-27-88 | Well Registration No.: |
| Water Quality Zone: 1 | Expiration Date: 12-27-88 | Driller's Log No.: 267171 |
| Coordinates of Well: "X" "Y" | | |

TO BE COMPLETED BY OWNER AND DRILLER

| | | |
|--|--|--|
| Property Owner: ARCO Petroleum Products Co. | Well Owner (if different): ARCO Petroleum Products Co. | Drilling Co.: ALL TERRAIN DRILLING |
| Address: 2000 ALAMEDA DELAS PULGAS | ADDRESS OF WELL SITE: 988 SAN ANTONIO RD | Driller's Contractors License Number: (C57-REQ'D) C57-427836 |
| City, State, Zip: SAN MATEO, CA 94403 | City, State, Zip: LOS ALTOS, CA 94022 | Address: 2789 LIBERTY LANE |
| Telephone No.: 415-571-2400 | Telephone No.: 415-948-6743 | City, State, Zip: ROSEVILLE, CA 95678 |
| Assessor's Parcel No. of Well Site: Book 167 Page 16 Parcel 45 | Owner's/Consultant's Well No.: A-4 | Telephone No.: 916-771-0222 |

Estimated depth of completed well: ☐ Less than 50 ft. ☒ 50 to 300 ft. ☐ Over 300 ft.
Water Quality Zone No.: 1 (See Fig. 1 SCVWD Construction Standards. Use "BR" if bedrock).
Purpose of Well: ☐ Domestic ☐ Municipal/Industrial ☐ Agricultural ☒ Monitoring ☐ Cathodic Protection

*Monitoring wells are those constructed for the purpose of obtaining repetitive water level measurements and/or repetitive water samples for analyses. This includes wells constructed for general exploration and investigation purposes as well as those to be constructed in conformance with the Hazardous Materials Storage Permit Ordinance for specific groundwater monitoring of existing underground hazardous materials storage tanks.

THIS SECTION TO BE COMPLETED FOR ALL WELLS EXCEPT DOMESTIC WATER WELLS

Purpose of Monitoring Well: ☐ To comply with City or County Hazardous Materials Storage Permit Ordinance ☒ Exploration studies
☐ Other (specify): ☐ Extraction/Recovery

NAME OF BUSINESS AT WELL SITE: ARCO AM-PM MINI MARKET

If proposed well is to meet compliance with a Hazardous Materials Storage Permit Ordinance has the City or County been contacted? ☐ Yes ☒ No

If yes, give name of City or County

PACIFIC ENVIRONMENTAL GROUP, INC.
Consultant's Name (company)

1601 CIVIC CENTER DR. SUITE 202
Address

SANTA CLARA, CA 95050
City, State, Zip

(408) 984-6536
Telephone No.

| |
|--|
| Type of monitoring device: <input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Vadose |
| Monitoring well use: <input type="checkbox"/> Depth <input type="checkbox"/> Quality <input checked="" type="checkbox"/> Depth and Quality |
| <input type="checkbox"/> Chloride <input type="checkbox"/> Depth and Chloride |
| Vadose device installation: <input type="checkbox"/> Vapor <input type="checkbox"/> Interface <input type="checkbox"/> Suction Lysimeter |
| Kelly Br. for Eric Willits Signature of Responsible Professional |
| CEG 1272 |
| Registration No. OR Certificate No. Engineering Geologist |

TOPOGRAPHIC FEATURES

Is well to be constructed: ☐ In a public sidewalk ☐ In a public road ☐ On public property ☐ On private property
Within 50 ft. of the top of a creek bank ☐ Yes ☒ No
Within 50 ft. of a sanitary sewer ☐ Yes ☒ No
Within 100 ft. of a pit privy, septic tank, leachfield ☐ Yes ☒ No
Within 50 ft. of any existing well ☐ Yes ☐ No
Within 150 ft. of a cesspool or seepage pit ☐ Yes ☒ No
Plot well location on reverse side of this application

CERTIFICATION BY WELL OWNER/AGENT AND DRILLER/AGENT:

I certify that the information given above is correct to the best of my knowledge. I certify that the well will be constructed in compliance with the conditions of this permit, the Santa Clara Valley Water District's Ordinance 85-1 and, if applicable, the Hazardous Materials Storage Permit Ordinance of the County or City, as appropriate. It is my responsibility as the well owner to notify this District of any changes in the purpose of this well from that which is indicated on this application form.

Kelly Br.
Signature of Well Owner/Agent
Kelly Br.
Signature of Driller/Agent

9/20/88
Date
9/20/88
Date

MONITORING WELL PLAN APPROVAL
City/County: _____
Approved by: _____
Date: _____

IMPORTANT: A minimum 24-hour notice must be given to SCVWD Well Inspection Dept. prior to installing the annular seal.
Call (408) 265-2600, Ext. 380. For weekends, holidays, after hours call (408) 395-8121 or (408) 265-2605.

2

ORIGINAL
File with DWR

FE 10 1988

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

No. 267171

Do not fill in

Notice of Intent No.

Local Permit No. or Date 83W1650

State Well No. 06S2W19A03A

Other Well No. A-4

(1) OWNER: Name Arco Petroleum Products
Address 2000 Alameda de las Pulgas
City San Mateo CA ZIP 94402

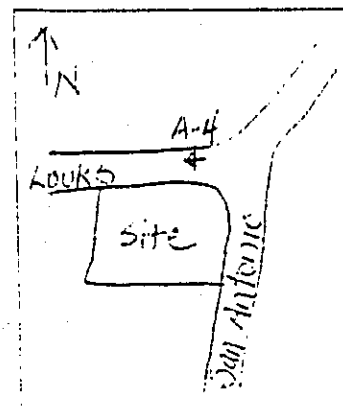
(2) LOCATION OF WELL (See instructions):

County Santa Clara Owner's Well Number A-4
Well address if different from above 988 San Antonio Rd
Township Los Altos Range _____ Section _____
Distance from other roads, railroads, fences, etc. _____

(12) WELL LOG: Total depth 58.5 ft. Completed depth 57 ft.

from ft. to ft. Formation (Describe by color, character, size of material)

| | | |
|------|--------|----------------------|
| 0 | - 5 | Fill - asphalt |
| 5 | - 8.5 | Clayey Gravel |
| 8.5 | - 12 | Clayey Sand |
| 12 | - 15 | Sandy Silt |
| 15 | - 18 | Clayey Sand - medium |
| 18 | - 33 | Sandy Silt |
| 33 | - 38.5 | Gravelly Clay |
| 38.5 | - 43 | Clayey Sand |
| 43 | - 55.5 | Gravelly Sand |
| 55.5 | - 58.5 | Clayey sand to clay |



(3) TYPE OF WELL

New Well ☒ Deepening

Reconstruction

Reconditioning

Horizontal Well

Destruction ☐ (Describe destruction materials and procedures in item 12)

(4) PROPOSED USE

Domestic

Irrigation

Industrial

Test Well

Municipal

Other

(Describe) Municipal

WELL LOCATION SKETCH

(5) EQUIPMENT

Rotary ☐

Cable ☐

Other ☒ Stem

Reverser ☐

Air ☐

Bucket ☐

(6) GRAVEL PACK

Yes ☒ No ☐

Size 6x12

Diameter of hole 8 inches

Packed from 50' to 57'

(7) CASING INSTALLATION

Steel ☐

Plastic ☒

Concrete ☐

(8) PERFORATIONS

Type of perforation or size of screen

From ft. To ft. Dia. in. Gauge in. Wall

From ft. To ft. Slot size

0 57 3 40 32 57 0.020

(9) WELL SEAL

Was surface sealant used previously? ☒ Yes ☐ No

Were struts sealed against pollution? ☐ Yes ☒ No

Method of sealing Concrete and Bentonite

(10) WATER LEVELS

Depth of first water in crown 42

Standing level after well completion 43.5

(11) WELL TESTS

Was well test made? ☐ Yes ☒ No

Type of test PEGI

Depth to water at start of test _____

Discharge _____

Recharge rate of flow _____

Was pumping log made? ☐ Yes ☒ No

DWR 188 (REV. 12-86)

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSERVATION NUMBERED FORM

11-4 88 11-7 88

WELL DRILLER'S SIGNATURE



APN: 16716045
988 N San Antonio Rd
Los Altos CA
94022

Well Annotations- 12 Wells Selected

| No | Well_nbr | Permit | Consultnum | Status | Easting | Northing |
|----|--------------|---------|------------|---------------------|---------|----------|
| 1 | 06S02W19A003 | 89W0407 | E-2 | Water Supply-Active | 6092632 | 1972144 |
| 2 | 06S02W19A004 | 89W0406 | E-1 | Water Supply-Active | 6092690 | 1972160 |
| 3 | 06S02W19A005 | 85W0557 | A-1 | Other-Active | 6092655 | 1972163 |
| 4 | 06S02W19A009 | 88W1649 | A-3 | Other-Active | 6092608 | 1972060 |
| 5 | 06S02W19A010 | 88W1648 | A-2 | Other-Active | 6092710 | 1972156 |
| 6 | 06S02W19A014 | 93W0695 | SP-1 | Other-Active | 6092624 | 1972150 |
| 7 | 06S02W19A015 | 93W0696 | V-1 | Other-Active | 6092624 | 1972150 |
| 8 | 06S02W19A016 | 93W0693 | SP-2 | Other-Active | 6092665 | 1972156 |
| 9 | 06S02W19A017 | 93W0694 | V-2 | Other-Active | 6092665 | 1972156 |
| 10 | 06S02W19A018 | 93W0698 | V-4 | Other-Active | 6092651 | 1972091 |
| 11 | 06S02W19A019 | 93W0697 | V-5 | Other-Active | 6092661 | 1972118 |
| 12 | 06S02W19A020 | 93W0699 | V-3 | Other-Active | 6092624 | 1972131 |

- Wells.shp
- ⊕ Water Supply - Active
 - ⊕ Water Supply - Standby
 - Water Supply - Inactive
 - ⊕ Extraction (Env) - Active
 - Extraction (Env) - Inactive
 - ⊕ Other - Active
 - Other - Inactive
 - * Abandoned
 - ⊕ Destroyed
 - ▲ Status Undetermined
- Parcels.shp
- ▲ FuelLeak.shp
- VALFLOOR.SHP
- Zone 1
 - Zone 2
 - Zone 3
 - Zone 4
 - Zone 5

Approximate Scale

20 0 20 40 Feet

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05 D00620

| | | | |
|--|---|---|------------------------------------|
| Well Owner: Atlantic Richfield Company | Property Owner: Atlantic Richfield Company | Name of Business/Residence at Well Site: ARCO Service Station # 0707 | |
| Well Owner's Mailing Address: P.O. Box 6549 | Property Owner's Mailing Address: P.O. Box 6549 | Address of Well Site: 988 San Antonio Road | |
| City, State, Zip: Moraga, CA 94570 | City, State, Zip: Moraga, CA 94570 | City, State, Zip: LOS Altos, CA | |
| Telephone No.: 925-299-8891 | Telephone No.: 925-299-8891 | Assessor's Parcel Number of Well Site: Book: 167 Page: 16 Parcel: 045 | |
| Consultant: URS Corporation | | Drilling Company: Gregg Drilling | |
| Address: 1333 Broadway, Suite 800 | | Address: 950 Howe Road | |
| City, State, Zip: Oakland, CA 94612 | | City, State, Zip: Martinez, CA 94553 | |
| Telephone No.: 510-874-3026 Attn: John McCain | | Telephone No.: 925-313-5800 | C-57 License No.: 485165 |
| <input type="checkbox"/> Check if address or phone number has changed. | | <input type="checkbox"/> Check if address or phone number has changed. | |

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

Well Information

| | | |
|---|--|--|
| Well Registration No.: 06S02W19A008 | Owner/Consultant Well No.: A-5 | Original Well Construction Permit No.: 88W1651 |
| Well Casing Depth: 53' | Total Boring Depth: 55.5' | Well Casing Diameter: 3 |

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

| | | |
|---|---|---|
| <input type="checkbox"/> Well on SCVWD property/easement* | <input type="checkbox"/> Well is within 50 feet of the top of a creek/river bank* | (* See General Conditions, E.) |
| Well Description: | | |
| <input checked="" type="checkbox"/> Vertical Well | <input type="checkbox"/> Dewatering Well | <input type="checkbox"/> Elevator Shaft |
| <input type="checkbox"/> Multiple Casing | <input type="checkbox"/> Horizontal Wall | <input type="checkbox"/> Pit Well |
| Well Type: check all that apply | | |
| <input type="checkbox"/> Water Producing (supply or extraction) | <input type="checkbox"/> Contamination Cleanup | <input type="checkbox"/> Agricultural |
| <input type="checkbox"/> Domestic | <input type="checkbox"/> Municipal & Industrial | <input type="checkbox"/> Vapor Extraction |
| <input checked="" type="checkbox"/> Monitoring | <input type="checkbox"/> Inclinator | <input checked="" type="checkbox"/> Groundwater |
| <input type="checkbox"/> Vadose | <input type="checkbox"/> Piezometer | <input type="checkbox"/> Interface |
| <input type="checkbox"/> Suction Lysimeter | <input type="checkbox"/> Seismic | |
| <input type="checkbox"/> Injection/Infiltration | <input type="checkbox"/> Contamination Cleanup | <input type="checkbox"/> Reclaimed Water |
| <input type="checkbox"/> Cathodic Protection | <input type="checkbox"/> Air Sparging | |

Additional Questions For Water Producing Wells

| | | | |
|--|--|--|---|
| Does the well have: | 1. Outer conductor casing? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| | 2. Annular cement seal outside of casing at surface? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| | 3. A S.C.V.W.D. water meter attached? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Type of Original Drilling Method: | | | |
| <input type="checkbox"/> Rotary | <input type="checkbox"/> Cable-Tool | <input type="checkbox"/> Hand Dug Pit Well | <input checked="" type="checkbox"/> Hollow Stem Auger |
| <input type="checkbox"/> Other: _____ | | | |

IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120.
Please allow 10 working days to process permit application.

SEP 5 2005

S.C.V.W.D.
WELLS

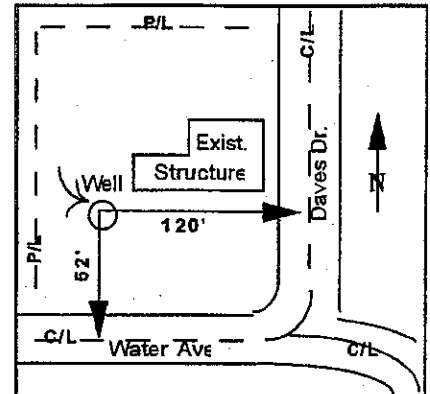
Site Plan

WELL LOCATION

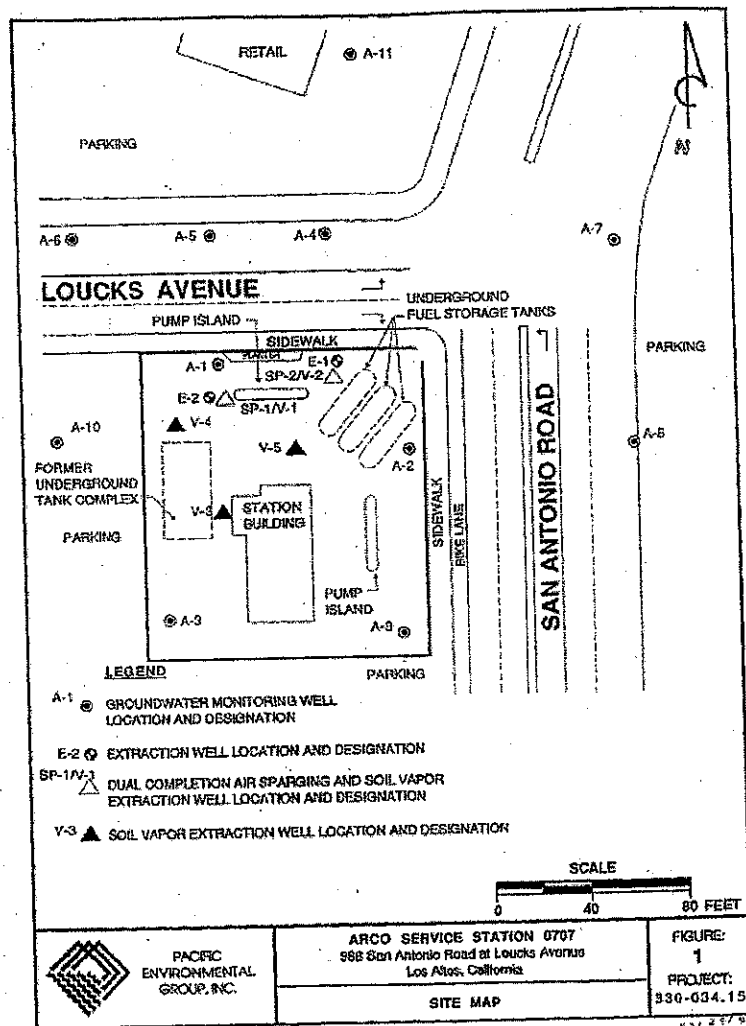
(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Sketch well location as described below:



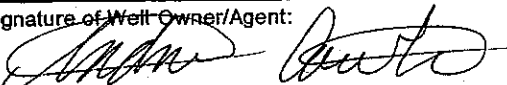
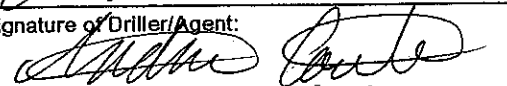
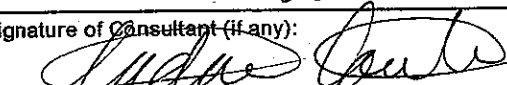
Please describe, in detail, the proposed destruction method*:

Well destruction via pressure grout according to SCVWD guidelines.

*Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

NOTE: All applicable signatures must be present before permit will be processed.

| | | |
|--|--|-----------------|
| Signature of Well Owner/Agent:  | Print Name: Andrew Fowler URS for Atlantic Richfield Co | Date: 9/2/05 |
| Signature of Driller/Agent:  | Print Name: Andrew Fowler URS for Gregg Drilling | Date: 9/2/05 |
| Signature of Consultant (if any):  | Print Name: Andrew Fowler URS | Date: 9/2/05 |

DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).

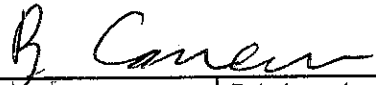
NOTE: Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of 55 feet, with a minimum bore of 8 inches.

☐ Clean out well casing to a total depth of _____ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). NOTE: Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: _____

☐ Other: _____

| | | | |
|--|-------------------------|-----------------------------|------------------------------|
| Permit Approved By:  | | Date: 9-14-05 | |
| District Permit No.: 05D00620 | Date Issued: 9-20-05 | Expiration Date: 3-20-06 | Driller's Log No.: 030187 |

Please allow 10 working days to process this application.

GENERAL CONDITIONS

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

| LOCATION MAP | | PACIFIC ENVIRONMENTAL GROUP, INC. | | | | WELL / A-5 BORING NO. PAGE 1 OF 2 | | | |
|--|--|---|-----------------|---|-----------------|---|---------|-----------|--|
| | | PROJECT NO. 330-34.02 LOGGED BY: DKU DRILLING METHOD: HSA SAMPLING METHOD: CAL MOD CASING TYPE: Sch 40 PVC SLOT SIZE: 0.020" GRAVEL PACK: 6 X 12 SAND | | | | CLIENT: ARCO DATE DRILLED: 11/8/88 LOCATION: San Antonio and Loucks HOLE DIAMETER: 8" HOLE DEPTH: 55.5' WELL DEPTH: 53' WELL DIAMETER: 3" | | | |
| WELL COMPLETION | | MOISTURE CONTENT | H-NU READING | PENETRATION RESISTANCE (BLOWS/FT) | DEPTH (FEET) | SAMPLE | GRAPHIC | SOIL TYPE | LITHOLOGY / REMARKS |
| <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONCRETE</div> | | Dp | 0 | PUSH | 2 | | | CL | FILL; asphalt and base fill. SANDY CLAY; yellow brown to dark brown; 25% fine sand; 15% medium to coarse sand; angular to rounded; trace gravel; rootholes; stiff; moderate product odor. |
| | | Dp | 0 | 19 | 4 | | | SW | |
| | | Dp-Mst | 0 | 16 | 6 | | | CL | GRAVELLY SAND; dark brown; 5% clay and silt; 15% fine sand; 60% medium to coarse sand; angular to sub-rounded; 20% gravel; sub-angular to sub-rounded; arkosic sand and shale fragments; medium dense; no product odor. |
| | | Mst | 0 | 30 | 8 | | | ML | |
| | | Mst | 0 | 20 | 10 | | | CL | CLAY; yellow brown; 5% fine sand; trace medium to coarse sand; stiff; no product odor. @15'4": SANDY CLAY; 10% fine sand; 10% medium to coarse sand; sub-angular to rounded; 10% fine gravel; sub-angular to rounded; stiff; no product odor. |
| | | Mst | 0 | 20 | 12 | | | ML | |
| | | Mst | 0 | 18 | 14 | | | SC | SANDY SILT; yellow brown; 15% fine sand; 10% medium to coarse sand; angular to sub-angular; shale and arkosic sand; charcoal specks; very stiff; no product odor. @24': as above; yellow brown with olive mottling; 15-20% fine sand; 10% medium to coarse sand; angular to sub-rounded; shale and arkosic sand; trace fine gravel; rootholes; specks of charcoal; very stiff; no product odor. |
| | | Mst | 0 | 18 | 16 | | | SC | |
| | | Mst | 1.4 | 49 | 18 | | | SW | @29': as above; 5% fine gravel; angular to sub-rounded; rootholes with gray mottling; very stiff; no product odor. |
| | | Mst | 1.2 | 43 | 20 | | | SW | |
| <div style="writing-mode: vertical-rl; transform: rotate(180deg);">SAND</div> | | | | | 22 | | | | CLAYEY SAND; brown; 20% clay and silt; 30% fine sand; 40% medium to coarse sand; angular to sub-angular; 10% fine to coarse gravel; angular; dense; no product odor. @39': as above; 50% fine sand; 5% medium to coarse sand; no product odor. |
| <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BENTONITE</div> | | | | | 24 | | | | |
| | | | | | 26 | | | | GRAVELLY SAND - see next page. |
| | | | | | 28 | | | | |
| | | | | | 30 | | | | |
| | | | | | 32 | | | | |
| | | | | | 34 | | | | |
| | | | | | 36 | | | | |
| | | | | | 38 | | | | |
| | | | | | 40 | | | | |
| | | | | | 42 | | | | |
| | | | | | 44 | | | | |

| LOCATION MAP <div style="text-align: center; font-size: 1.2em;">See Page One</div> | | PACIFIC ENVIRONMENTAL GROUP, INC. PROJECT NO. 330-34.02 LOGGED BY: DRILLING METHOD: SAMPLING METHOD: CASING TYPE: SLOT SIZE: GRAVEL PACK: | | | | WELL / A-5 BORING NO. PAGE 2 OF 2 CLIENT: DATE DRILLED: LOCATION: HOLE DIAMETER: HOLE DEPTH: WELL DEPTH: WELL DIAMETER: | | |
|---|------------------|---|-----------------------------------|--------------|----------|--|-----------|---|
| WELL COMPLETION | MOISTURE CONTENT | H - NU READING | PENETRATION RESISTANCE (BLOWS/FT) | DEPTH (FEET) | SAMPLE | GRAPHIC | SOIL TYPE | LITHOLOGY / REMARKS |
| | Mst - Wt | 0 | 17 | 46 | [Sample] | [Graphic] | SW | GRAVELLY SAND - continued; brown; 5-10% clay and silt; 60% fine sand; 25% medium to coarse sand; angular to sub-angular; medium dense; no to faint product odor. CLAYEY SAND; brown; 25% clay; 65% fine to coarse sand grading from coarse to fine. CLAY and CLAYEY SAND; dark gray; 40% clay and silt; 30% fine sand; 25% medium to coarse sand; 5-10% fine gravel; angular to sub-angular; very dense to hard; no product odor. @54.5': dark blue gray; 10% sand; very stiff; no product odor. <div style="text-align: center;">BOTTOM OF BORING AT 55.5'</div> |
| | | 0 | >50 | 50 | [Sample] | [Graphic] | SC | |
| | | 0 | >50 | 52 | [Sample] | [Graphic] | CL-SC | |
| | | 0 | 25 | 54 | [Sample] | [Graphic] | CL | |
| | | 56 | | | | | | |
| | | 58 | | | | | | |
| | | 60 | | | | | | |
| | | 62 | | | | | | |
| | | 64 | | | | | | |
| | | 66 | | | | | | |
| | | 68 | | | | | | |
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| | | 84 | | | | | | |
| | | 86 | | | | | | |
| 88 | | | | | | | | |

Santa Clara Valley Water District

WELL INSPECTION COMPLETION NOTICE

FC 158A (02-06-86) (DP 4-901)

FROM: Groundwater Protection Section

DATE: 11-10-88

Well Permit No. 88W1651

Well/Boring No. A-5 0652W19A04A

Inspector C. M. M. M.

Date of Inspection 11-8-88

Well Owner Arco Petroleum Products Co.

Address of Well Site 258 San Antonio Rd City or County Los Altos

Drilling Co. M. T. T. T. Consultant Pacific Env. Group

Purpose of Well:

- ☐ Domestic
☐ Agricultural
☐ Municipal/Industrial
☐ Cathodic Protection

Monitoring Well Use

- ☐ Vadose
☒ Groundwater
☐ Other

1. Well completed according to provisions of Santa Clara Valley Water District Permit

☒ Yes

☐ No (If "No", see comments below)

2. Depth of Surface Annular Seal = 31

Comments: 29' Cement

2' Bentonite

TD 55.5'

Distribution: White = Groundwater Protection Sect. Pink = Cities or County (w/attach)

Canary = Permittee Goldenrod = Water Revenue

Santa Clara Valley Water District
5750 Almaden Expressway
San Jose, California 95118
Telephone (408) 265-2600

WELL CONSTRUCTION APPLICATION

FC 15B (02-06-86) (DP 4-901)

TO BE COMPLETED BY DISTRICT

| | | |
|--------------------------|---------------------------|------------------------------|
| Well Permit No.: 88W1651 | Date Issued: 9-27-88 | Well Registration No.: |
| Water Quality Zone: 1 | Expiration Date: 12-27-88 | Coordinates of Well: "X" "Y" |
| | | Driller's Log No.: 267172 |

TO BE COMPLETED BY OWNER AND DRILLER

| | | |
|--|--|--|
| Property Owner: ARCO Petroleum Products Co. | Well Owner (if different): ARCO Petroleum Products Co. | Drilling Co.: ALTEZAIN DRILLING |
| Address: 2000 ALAMEDA DE LAS PULGAS | ADDRESS OF WELL SITE: 988 SAN ANTONIO RD | Driller's Contractors License Number: (CS7 REG'D) C57-427831 |
| City, State, Zip: SAN MATEO, CA 94403 | City, State, Zip: LOS ALTOS, CA 94022 | Address: 2784 LIBERTY LANE |
| Telephone No.: 415-571-2400 | Telephone No.: 415-948-6743 | City, State, Zip: ROSEVILLE, CA 95678 |
| Assessor's Parcel No. of Well Site: Book 167 Page 16 Parcel 75 | Owner's/Consultant's Well No.: A-5 | Telephone No.: 916-771-0222 |

Estimated depth of completed well: ☐ Less than 50 ft. ☒ 50 to 300 ft. ☐ Over 300 ft.
Water Quality Zone No.: 1 (See Fig. 1 SCVWD Construction Standards. Use "BR" if bedrock).
Purpose of Well: ☐ Domestic ☐ Municipal/Industrial ☐ Agricultural ☒ Monitoring ☐ Cathodic Protection

*Monitoring wells are those constructed for the purpose of obtaining repetitive water level measurements and/or repetitive water samples for analyses. This includes wells constructed for general exploration and investigation purposes as well as those to be constructed in conformance with the Hazardous Materials Storage Permit Ordinance for specific groundwater monitoring of existing underground hazardous materials storage tanks.

THIS SECTION TO BE COMPLETED FOR ALL WELLS EXCEPT DOMESTIC WATER WELLS

Purpose of Monitoring Well: ☐ To comply with City or County Hazardous Materials Storage Permit Ordinance ☒ Exploration studies
☐ Other (specify): ☐ Extraction/Recovery

NAME OF BUSINESS AT WELL SITE: ARCO AM-PM MINI MARKET

If proposed well is to meet compliance with a Hazardous Materials Storage Permit Ordinance has the City or County been contacted? ☐ Yes ☐ No

If yes, give name of City or County

PACIFIC ENVIRONMENTAL GROUP, INC.

Consultant's Name (company)

1601 CIVIC CENTER DR. SUITE 202

Address

SANTA CLARA, CA 95050

City, State, Zip

(408) 984-6536

Telephone No.

Type of monitoring device: ☒ Groundwater ☐ Vadose

Monitoring well use: ☐ Depth ☐ Quality ☒ Depth and Quality

☐ Chloride ☐ Depth and Chloride

Vadose device installation: ☐ Vapor ☐ Interface ☐ Suction Lysimeter

Signature of Responsible Professional: Kelly Brum for Sue White

CEG 1272

Registration No.

Civil Engineer

OR

Certificate No.

Engineering Geologist

TOPOGRAPHIC FEATURES

Is well to be constructed: ☐ In a public sidewalk ☐ In a public road ☐ On public property ☐ On private property
Within 50 ft. of the top of a creek bank ☐ Yes ☒ No
Within 50 ft. of a sanitary sewer ☐ Yes ☒ No
Within 100 ft. of a pit privy, septic tank, leachfield ☐ Yes ☒ No
Within 50 ft. of any existing well ☐ Yes ☐ No
Within 150 ft. of a cesspool or seepage pit ☐ Yes ☒ No
Plot well location on reverse side of this application

CERTIFICATION BY WELL OWNER/AGENT AND DRILLER/AGENT:

I certify that the information given above is correct to the best of my knowledge. I certify that the well will be constructed in compliance with the conditions of this permit, the Santa Clara Valley Water District's Ordinance 85-1 and, if applicable, the Hazardous Materials Storage Permit Ordinance of the County or City, as appropriate. It is my responsibility as the well owner to notify this District of any changes in the purpose of this well from that which is indicated on this application form.

Signature of Well Owner/Agent: Kelly Brum

Date: 9/10/88

Signature of Driller/Agent: Kelly Brum

Date: 9/10/88

MONITORING WELL PLAN APPROVAL

City/County:

Approved by:

Date:

IMPORTANT: A minimum 24-hour notice must be given to SCVWD Well Inspection Dept. prior to installing the annular seal. Call (408) 265-2600, Ext. 380. For weekends, holidays, after hours call (408) 395-8121 or (408) 265-2605.

2

ORIGINAL
File with DWR

FEB 1989

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in

No. 26-171

Notice of Intent No. _____

State Well No. 053W1444

Local Permit No. or Date 95W11251

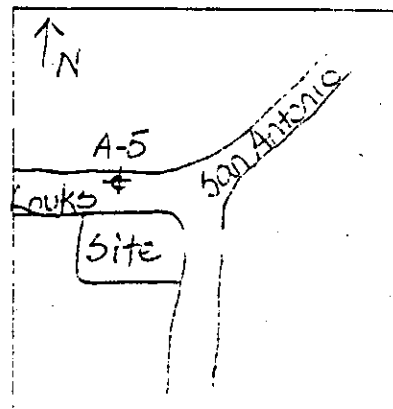
Other Well No. A-5

(1) OWNER: Name Arco Petroleum Products
Address 2000 Alameda de las Pulgas
City San Mateo CA ZIP 94402

(12) WELL LOG: Total depth 55.5 ft. Completed depth 55 ft.
from ft. to ft. Formation (Describe by color, character, size or material)

(2) LOCATION OF WELL (See instructions):
County Santa Clara Owner's Well Number A-5
Well address if different from above 988 San Antonio Rd.
Township Los Altos Range _____ Section _____
Distance from cities, roads, railroads, fences, etc. _____

0 - 1 Fill - asphalt
1 - 9.5 Gravelly Sandy Clay
9.5 - 15 Gravelly Sand
15 - 18.5 Clay
18.5 - 33.5 Sandy Silt
33.5 - 43.5 Clayey Sand
43.5 - 49 Gravelly Sand
49 - 50.5 Clayey Sand
50.5 - 54.5 Clay & Clayey Sand
54.5 - 55.5 Clay



(3) TYPE OF WORK
New Well ☒ Deepening ☐
Reconstruction ☐
Reconditioning ☐
Horizontal Well ☐
Destruction ☐ Describe destruction materials and procedures in Item 12.

(4) PROPOSED USE
Domestic ☐
Irrigation ☐
Industrial ☐
Test Well ☐
Municipal ☐
Other ☒ Describe Monitoring

WELL LOCATION SKETCH

(5) EQUIPMENT
Motor ☐ Lovers ☐ Yes ☒ No ☐ Size 6x12
Cable ☐ Air ☐ Diameter of bore 8 inches
Other ☒ Packed from 31 to 55 ft.

(6) CASING/INSTALLER
Type ☐ Plastic ☒ Cement ☐ Type of perforation or size of screen

| From ft. | To ft. | Dis. in. | Casing or Well | From ft. | To ft. | Slot size |
|----------|--------|----------|----------------|----------|--------|-----------|
| 0 | 53 | 3 | 40 | 33 | 53 | 0.020" |

(9) WELL SEAL
Was surface sealers seal provided? Yes ☒ No ☐ Seal material 31

Were struts sealed against intrusion? ☐ Indicate _____

Method of sealing injection of grout

(10) WATER LEVELS
Depth of first water if known 4.5 ft.
Standing level after well completion 72.5 ft.

(11) WELL TESTS
Was well test made? Yes ☐ No ☒ Date of test _____
Depth to water at start of test _____
Flow rate _____
Coefficient of storage 0.2
Was electric log run? Yes ☐ No ☒ Date of log run _____

(12) DRILLER'S STATEMENT

This well was drilled under the supervision of _____
Signature Mike Barry for ATC
Date 4/11/89
Company Arco Petroleum Drilling (ATC)
Address 2700 Liberty St.
City San Jose CA State CA Zip 95128

DWR IMP. INC. 12-88

ADDITIONAL SPACE IF NEEDED: USE NEXT CONSECUTIVE NUMBERED FORM

(4)



APN: 16716045
988 N San Antonio Rd
Los Altos CA
94022

Well Annotations- 12 Wells Selected

| No | Well_nbr | Permit | Consultnum | Status | Easting | Northing |
|----|--------------|---------|------------|---------------------|---------|----------|
| 1 | 06S02W19A003 | 89W0407 | E-2 | Water Supply-Active | 6092632 | 1972144 |
| 2 | 06S02W19A004 | 89W0406 | E-1 | Water Supply-Active | 6092690 | 1972160 |
| 3 | 06S02W19A005 | 85W0557 | A-1 | Other-Active | 6092655 | 1972163 |
| 4 | 06S02W19A009 | 88W1649 | A-3 | Other-Active | 6092608 | 1972060 |
| 5 | 06S02W19A010 | 88W1648 | A-2 | Other-Active | 6092710 | 1972156 |
| 6 | 06S02W19A014 | 93W0695 | SP-1 | Other-Active | 6092624 | 1972150 |
| 7 | 06S02W19A015 | 93W0696 | V-1 | Other-Active | 6092624 | 1972150 |
| 8 | 06S02W19A016 | 93W0693 | SP-2 | Other-Active | 6092665 | 1972156 |
| 9 | 06S02W19A017 | 93W0694 | V-2 | Other-Active | 6092665 | 1972156 |
| 10 | 06S02W19A018 | 93W0698 | V-4 | Other-Active | 6092651 | 1972091 |
| 11 | 06S02W19A019 | 93W0697 | V-5 | Other-Active | 6092661 | 1972118 |
| 12 | 06S02W19A020 | 93W0699 | V-3 | Other-Active | 6092624 | 1972131 |

- Wells.shp
- Water Supply - Active
 - Water Supply - Standby
 - Water Supply - Inactive
 - Extraction (Env) - Active
 - Extraction (Env) - Inactive
 - Other - Active
 - Other - Inactive
 - Abandoned
 - Destroyed
 - Status Undetermined
- Parcels.shp
- Fuelleak.shp
- VALFLOOR.SHP
- Zone 1
 - Zone 2
 - Zone 3
 - Zone 4
 - Zone 5

Approximate Scale

20 0 20 40 Feet

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05D00619

| | | |
|--|--|--|
| Well Owner: Atlantic Richfield Company | Property Owner: Atlantic Richfield Company | Name of Business/Residence at Well Site: ARCO Service Station # 0707 |
| Well Owner's Mailing Address: P.O. Box 6549 | Property Owner's Mailing Address: P.O. Box 6549 | Address of Well Site: 988 San Antonio Road |
| City, State, Zip: Moraga, CA 94570 | City, State, Zip: Moraga, CA 94570 | City, State, Zip: Los Altos, CA |
| Telephone No.: 925-299-8891 | Telephone No.: 925-299-8891 | Assessor's Parcel Number of Well Site: Book: 167 Page: 16 Parcel: 045 |
| Consultant: URS Corporation | Drilling Company: Gregg Drilling | |
| Address: 1333 Broadway, Suite 800 | Address: 950 Howe Road | |
| City, State, Zip: Oakland, CA 94612 | City, State, Zip: Martinez, CA 94553 | |
| Telephone No.: 510-874-3026 Attn: John McCain | Telephone No.: 925-313-5800 | C-57 License No.: 485165 |
| <input type="checkbox"/> Check if address or phone number has changed. | <input type="checkbox"/> Check if address or phone number has changed. | |

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

Well Information

| | | |
|--|-----------------------------------|---|
| Well Registration No.: 06S02W19A006 | Owner/Consultant Well No.: A-6 | Original Well Construction Permit No.: 88W1652 |
| Well Casing Depth: 63' | Total Boring Depth: 64.5' | Well Casing Diameter: 3" |

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

☐ Well on SCVWD property/easement* ☐ Well is within 50 feet of the top of a creek/river bank* (* See General Conditions, E.)

Well Description:
☒ Vertical Well ☐ Dewatering Well ☐ Elevator Shaft ☐ Multiple Casing ☐ Horizontal Wall ☐ Pit Well

Well Type: check all that apply
☐ Water Producing (supply or extraction) ☐ Contamination Cleanup ☐ Agricultural ☐ Domestic ☐ Municipal & Industrial ☐ Vapor Extraction
☒ Monitoring ☐ Inclinator ☐ Groundwater ☐ Vadose ☐ Piezometer ☐ Interface ☐ Suction Lysimeter ☐ Seismic
☐ Injection/Infiltration ☐ Contamination Cleanup ☐ Reclaimed Water ☐ Air Sparging
☐ Cathodic Protection

Additional Questions For Water Producing Wells

Does the well have:

| | |
|--|---|
| 1. Outer conductor casing? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2. Annular cement seal outside of casing at surface? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3. A S.C.V.W.D. water meter attached? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

Type of Original Drilling Method:
☐ Rotary ☐ Cable-Tool ☐ Hand Dug Pit Well ☒ Hollow Stem Auger ☐ Other:

IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.
 Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120.
 Please allow 10 working days to process permit application.

SEP - 5 2005

S.C.V.W.D.
WELLS

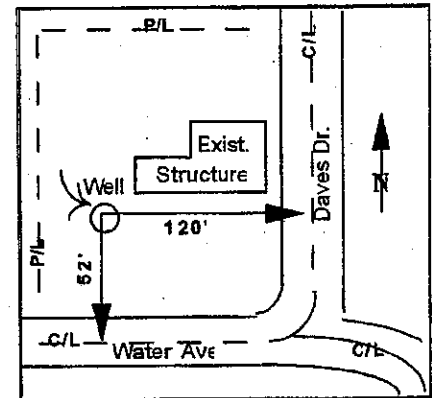
Site Plan

WELL LOCATION

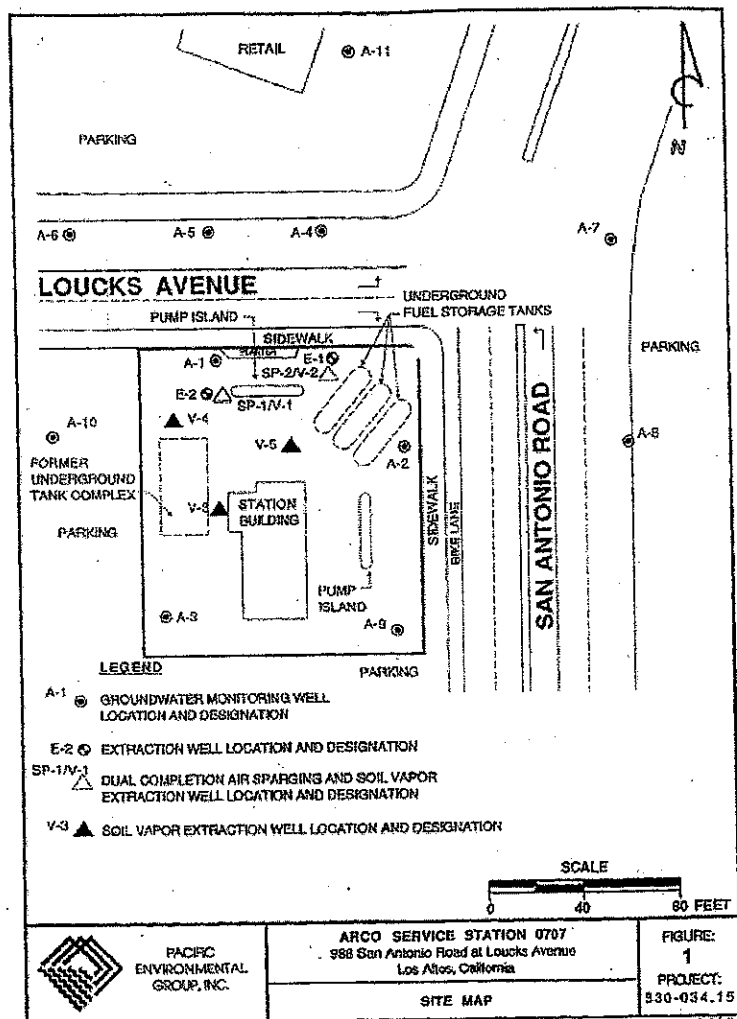
(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Sketch well location



Please allow 10 working days to process this application.



Please describe, in detail, the proposed destruction method*:

Well destruction via pressure grout according to SCVWD guidelines.

* Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

NOTE: All applicable signatures must be present before permit will be processed.

| | | |
|---------------------------------------|--|-----------------|
| Signature of Well Owner/Agent: | Print Name: Andrew Fowler / URS for Atlantic Richfield Co | Date: 9/2/05 |
| Signature of Driller/Agent: | Print Name: Andrew Fowler URS for Gregg Drilling | Date: 9/2/05 |
| Signature of Consultant (if any): | Print Name: Andrew Fowler URS | Date: 9/2/05 |

DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).

OR NOTE: Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of 64 feet, with a minimum bore of 8 inches.

☐ Clean out well casing to a total depth of _____ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). NOTE: Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: _____

☐ Other: _____

| | | | |
|----------------------------------|-------------------------|-----------------------------|------------------------------|
| Permit Approved By: | | Date: 9-14-05 | |
| District Permit No.: 05D00619 | Date Issued: 9-20-05 | Expiration Date: 3-20-06 | Driller's Log No.: 030186 |

Please allow 10 working days to process this application.

GENERAL CONDITIONS

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

| LOCATION MAP | | PACIFIC ENVIRONMENTAL GROUP, INC. | | WELL / A-6 BORING NO. PAGE 1 OF 2 | | | |
|--------------------|---------------------|---|---|---|-------------------|-----------|---|
| | | PROJECT NO. 330-34.02 LOGGED BY: DKU DRILLING METHOD: HSA SAMPLING METHOD: CAL MOD CASING TYPE: Sch 40 PVC SLOT SIZE: 0.020" GRAVEL PACK: 6 X 12 SAND | | CLIENT: ARCO DATE DRILLED: 11/9/88 LOCATION: San Antonio and Loucks HOLE DIAMETER: 8" HOLE DEPTH: 64.5' WELL DEPTH: 63' WELL DIAMETER: 3" | | | |
| WELL COMPLETION | MOISTURE CONTENT | H-NU READING | PENETRATION RESISTANCE (BLOWS/FT) | DEPTH (FEET) | SAMPLE GRAPHIC | SOIL TYPE | LITHOLOGY / REMARKS |
| CONCRETE | | | | 2 | | CL | FILL; asphalt; base fill. |
| | Dp | 0 | PUSH | 4 | | | SANDY CLAY; dark red brown to yellow brown; 10% fine sand; trace medium to coarse sand; angular to sub-angular; rootholes; rootlets; trace black organics; stiff; no product odor. |
| | Dp | 0 | >50 | 10 | | SM | SILTY SAND; yellow brown; 20% clay and silt; fine sand; 10% medium to coarse sand sub-angular to sub-rounded; arkosic; rootholes; trace of black organics; very dense; no product odor. |
| | Dp | 0 | 45 | 14 | | | @14': as above; sand size increase with depth; 50% fine sand; 40% medium to coarse sand; angular to sub-angular; trace gravel; gravelly interbed, dense; no product odor. |
| | Dp | 0 | 41 | 20 | | | @19': as above; coarse sand interbeds and gravel; dense; no product odor. |
| | Dp-Mst | 0 | 38 | 24 | | | @24': as above; increase clay fraction; coarse sand and gravel interbeds; dense; no product odor. |
| | Mst | 0 | 34 | 30 | | | @29': as above; light brown; increase medium to coarse sand; angular to sub-angular; increase gravels; less interbedded and more distributed; dense; no product odor. |
| | Mst | 0 | >50 | 34 | | SW | GRAVELLY SAND; brown; 5-10% clay and silt; 25% fine sand; 35% micaceous sand; angular to rounded; 30% gravelly; angular to sub-rounded; very dense; no product odor. |
| | Mst | 0 | >50 | 40 | | | @39': as above; decrease in gravels; very dense; no product odor. |
| | | | | 42 | | | |
| | | | | 44 | | | @44': see next page. |
| | | | | | | | |
| | | | | | | | |

| LOCATION MAP <div style="text-align: center; font-size: 1.2em;">See Page One</div> | | | | PACIFIC ENVIRONMENTAL GROUP, INC. <div style="display: flex; justify-content: space-between;"> <div> PROJECT NO. 330-34.02 LOGGED BY: DRILLING METHOD: SAMPLING METHOD: CASING TYPE: SLOT SIZE: GRAVEL PACK: </div> <div> CLIENT: DATE DRILLED: LOCATION: HOLE DIAMETER: HOLE DEPTH: WELL DEPTH: WELL DIAMETER: </div> </div> | | | | WELL / A-6 BORING NO. PAGE 2 OF 2 | |
|---|------------------|--------------|-----------------------------------|---|--------|---------|-----------|---|--|
| WELL COMPLETION | MOISTURE CONTENT | H-NU READING | PENETRATION RESISTANCE (BLOWS/FT) | DEPTH (FEET) | SAMPLE | GRAPHIC | SOIL TYPE | LITHOLOGY / REMARKS | |
| SAND | Sat | 0 | >50 | 46 | | | SW | GRAVELLY SAND - continued. @44': as above; <5% clay and silt; 10% fine sand; medium to coarse sand; sub-rounded to angular; 20% gravel; sub-angular to angular; very dense; moderate product odor. @49': as above; gravels increase to 25-30%; very dense; no product odor. @54': as above; very dense; no product odor. SC CLAYEY SAND; dark blue gray; 20-30% clay and silt; 70-80% medium to coarse sand; angular to sub-angular; trace gravel; medium to coarse sand interbeds; sandy clay interbeds; very dense; no product odor. CL SANDY CLAY; dark blue gray with light gray mottling; 5-10% fine sand; trace to 5% medium to coarse sand; angular to sub-angular; trace gravel; rootholes; rootlets; hard; no product odor. <div style="text-align: center;">BOTTOM OF BORING AT 64.5'</div> | |
| | Sat | 0 | >50 | 50 | | | | | |
| | Sat | 0 | >50 | 54 | | | | | |
| | Sat | 0 | >50 | 60 | | | | | |
| | Sat | 0 | >50 | 64 | | | | | |
| | | | | 66 | | | | | |
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| | | | | 88 | | | | | |

Santa Clara Valley Water District



WELL INSPECTION COMPLETION NOTICE

FC 158A (02-06-86) (DP 4-9011)

FROM: Groundwater Protection Section

DATE: 11-10-88

Well Permit No. 98W1652

Well/Boring No. "4-6" 06S2W19A02A

Inspector MARC CANTER

Date of Inspection 11-10-88

Well Owner ARCO

Address of Well Site 988 SAN ANTONIO

City or County LA

Drilling Co. ALL TERRAIN

Consultant PELT

Purpose of Well:

- ☐ Domestic
☐ Agricultural
☐ Municipal/Industrial
☐ Cathodic Protection

*Monitoring Well Use

- ☐ Vadose
☒ Groundwater
☐ Other

1. Well completed according to provisions of Santa Clara Valley Water District Permit ☒ Yes ☐ No (If "No", see comments below)
2. Depth of Surface Annular Seal = 33'

Comments:

Distribution: White - Groundwater Protection Sect. Pink - Cities or County (w/attach) Canary - Permittee Goldenrod - Water Revenue

1

Santa Clara Valley Water District
5750 Almaden Expressway
San Jose, California 95118
Telephone (408) 265-2600

WELL CONSTRUCTION APPLICATION

FC 158 (02-06-86) (DP 4-901)

TO BE COMPLETED BY DISTRICT

| | | |
|---|----------------------------------|----------------------------------|
| Well Permit No.: <u>88W1652</u> | Date Issued: <u>9-27-88</u> | Well Registration No.: |
| Water Quality Zone: <u>1</u> | Expiration Date: <u>12-27-88</u> | Driller's Log No.: <u>267173</u> |
| Coordinates of Well "X" _____ "Y" _____ | | |

TO BE COMPLETED BY OWNER AND DRILLER

| | | |
|--|---|---|
| Property Owner: <u>ARCO PETROLEUM PRODUCTS Co.</u> | Well Owner (if different): <u>ARCO PETROLEUM PRODUCTS Co.</u> | Drilling Co.: <u>ALTEZAIN DRILLING</u> |
| Address: <u>2000 ALAMEDA DE LAS PULGAS</u> | ADDRESS OF WELL SITE: <u>988 SAN ANTONIO Rd</u> | Driller's Contractors License Number: (C57 REQ'D) <u>C57-43783L</u> |
| City, State, Zip: <u>SAN MATEO, CA 94403</u> | City, State, Zip: <u>LOS ALTOS, CA 94022</u> | Address: <u>2789 LIBERTY LANE</u> |
| Telephone No.: <u>415-571-2400</u> | Telephone No.: <u>415-948-6743</u> | City, State, Zip: <u>ROSEVILLE, CA 95678</u> |
| Assessor's Parcel No. of Well Site: <u>Book 167 Page 16 Parcel -15</u> | Owner's/Consultant's Well No.: <u>A-6</u> | Telephone No.: <u>916-771-0222</u> |

Estimated depth of completed well: ☐ Less than 50 ft. ☒ 50 to 300 ft. ☐ Over 300 ft.
Water Quality Zone No.: 1 (See Fig. 1 SCVWD Construction Standards. Use "BR" if bedrock).
Purpose of Well: ☐ Domestic ☐ Municipal/Industrial ☐ Agricultural ☒ Monitoring ☐ Cathodic Protection

*Monitoring wells are those constructed for the purpose of obtaining repetitive water level measurements and/or repetitive water samples for analyses. This includes wells constructed for general exploration and investigation purposes as well as those to be constructed in conformance with the Hazardous Materials Storage Permit Ordinance for site-specific groundwater monitoring of existing underground hazardous materials storage tanks.

THIS SECTION TO BE COMPLETED FOR ALL WELLS EXCEPT DOMESTIC WATER WELLS

Purpose of Monitoring Well: ☐ To comply with City or County Hazardous Materials Storage Permit Ordinance ☒ Exploration studies
☐ Other (specify): _____ ☐ Extraction/Recovery

NAME OF BUSINESS AT WELL SITE: ARCO AM-PM MINI MARKET

If proposed well is to meet compliance with a Hazardous Materials Storage Permit Ordinance has the City or County been contacted? ☐ Yes ☐ No

If yes, give name of City or County

PACIFIC ENVIRONMENTAL GROUP, INC.
Consultant's Name (company)

1601 CIVIC CENTER DR. SUITE 202
Address

SANTA CLARA, CA 95050
City, State, Zip

(408) 984-6536
Telephone No.

Type of monitoring device: ☒ Groundwater ☐ Vadose
Monitoring well use: ☐ Depth ☐ Quality ☒ Depth and Quality
☐ Chloride ☐ Depth and Chloride

Vadose device installation: ☐ Vapor ☐ Interface ☐ Suction Lysimeter

Kelly Brown for Eric Willhite
Signature of Responsible Professional

LEG 1272

Registration No. _____ OR _____ Certificate No. _____
Civil Engineer Engineering Geologist

TOPOGRAPHIC FEATURES

Is well to be constructed: ☐ In a public sidewalk ☐ In a public road ☐ On public property ☐ On private property
Within 50 ft. of the top of a creek bank ☐ Yes ☒ No Within 50 ft. of any existing well ☐ Yes ☐ No
Within 50 ft. of a sanitary sewer ☐ Yes ☒ No Within 150 ft. of a cesspool or seepage pit ☐ Yes ☒ No
Within 100 ft. of a pit privy, septic tank, leachfield ☐ Yes ☒ No Plot well location on reverse side of this application

CERTIFICATION BY WELL OWNER/AGENT AND DRILLER/AGENT:

I certify that the information given above is correct to the best of my knowledge. I certify that the well will be constructed in compliance with the conditions of this permit, the Santa Clara Valley Water District's Ordinance 85-1 and, if applicable, the Hazardous Materials Storage Permit Ordinance of the County or City, as appropriate. It is my responsibility as the well owner to notify this District of any changes in the purpose of this well from that which is indicated on this application form.

Kelly Chen
Signature of Well Owner/Agent

9/30/88
Date

Kelly Chen
Signature of Driller/Agent

9/30/88
Date

MONITORING WELL PLAN APPROVAL

City/County: _____
Approved by: _____
Date: _____

IMPORTANT: A minimum 24-hour notice must be given to SCVWD Well Inspection Dept. prior to installing the annular seal.
Call (408) 265-2600, Ext. 380. For weekends, holidays, after hours call (408) 395-8121 or (408) 265-2605.

(2)

ORIGINAL
File with DWR

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in

No. 227172

Notice of Intent No. _____

Local Permit No. or Date SSW11653

State Well No. 4452WCA/PA

Other Well No. A-6

(1) OWNER: Name ARCO Petroleum Products
Address 2000 Alameda de las Colinas
City San Mateo CA ZIP 94402

(12) WELL LOG: Total depth 64.5 ft Completed depth 63 ft

from ft. to ft. Formation (Describe by color, character, size or material)

| | | | |
|------|---|------|----------------|
| 0 | - | 1.5 | Fill - asphalt |
| 1.5 | - | 8 | Sandy clay |
| 8 | - | 32.5 | Silty sand |
| 32.5 | - | 58 | Gravelly sand |
| 58 | - | 62 | Clayey sand |
| 62 | - | 64.5 | Sandy clay |

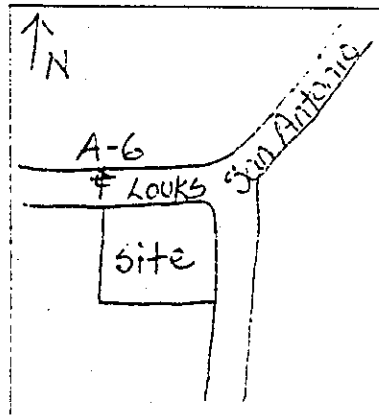
(2) LOCATION OF WELL (See instructions):

County Santa Clara Owner's Well Number A-6

Well address if different from above 938 San Antonio Rd.

Township Los Altos Range _____ Section _____

Distance from cities, roads, railroads, fences, etc. _____



WELL LOCATION SKETCH

TYPE OF WORK

New Well ☒ Deepening ☐
Reconstruction ☐
Reconditioning ☐
Horizontal Well ☐
Destruction ☐ (Describe destruction materials and procedures in Item 12)

(4) PROPOSED USE

Domestic ☐
Irrigation ☐
Industrial ☐
Test Well ☐
Municipal ☐
Other ☒

(Describe) Monitoring

(5) EQUIPMENT

Motor ☐ Reverser ☐
Cable ☐ Air ☐
Other ☒ Hollow stem

(6) GRAVEL PACK

Yes ☒ No ☐ Size 6x12
Diameter of hole 8 inches
Packed from 51 to 63 ft

(7) CASING INSTALLED

Steel ☐ Plastic ☒ Concrete ☐ Type of perforation or size of screen

| From ft. | To ft. | Dia. in. | Gage or Wall | From ft. | To ft. | Slot size |
|----------|--------|----------|--------------|----------|--------|-----------|
| 0 | 63 | 3 | 40 | 55 | 63 | 6.02" |

(9) WELL SEAL

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 51 ft

Were struts sealed against pollution? Yes ☐ No ☐ If yes, to depth _____ ft

Method of sealing Grout

(10) WATER LEVELS

Depth of first water, if known: 46.5 ft

Standing level after well construction 46.5 ft

(11) WELL TESTS

Was well test made? Yes ☐ No ☐ If yes, to depth _____ ft

Type of test _____

Depth to water at start of test _____ ft

Discharge _____ gpm

Chemical analysis made? Yes ☐ No ☐ If yes, to depth _____ ft

Was electric log made? Yes ☐ No ☐ If yes, to depth _____ ft

WELL DRILLER'S STATEMENT

I, the undersigned, declare that the information furnished in this report is true and correct to the best of my knowledge and belief.

Signature Jim Dwyer (for ATD)

Company San Francisco Drilling (ATD)

Address 2789 Liberty Ln.

City San Jose, CA State CA Zip 95128

Telephone 281-2378 Fax 281-2378



APN: 16716045
988 N San Antonio Rd
Los Altos CA
94022

Well Annotations- 12 Wells Selected

| No | Well_nbr | Permit | Consultnum | Status | Easting | Northing |
|----|--------------|---------|------------|---------------------|---------|----------|
| 1 | 06S02W19A003 | 89W0407 | E-2 | Water Supply-Active | 6092632 | 1972144 |
| 2 | 06S02W19A004 | 89W0406 | E-1 | Water Supply-Active | 6092690 | 1972160 |
| 3 | 06S02W19A005 | 85W0557 | A-1 | Other-Active | 6092655 | 1972163 |
| 4 | 06S02W19A009 | 88W1649 | A-3 | Other-Active | 6092608 | 1972060 |
| 5 | 06S02W19A010 | 88W1648 | A-2 | Other-Active | 6092710 | 1972156 |
| 6 | 06S02W19A014 | 93W0695 | SP-1 | Other-Active | 6092624 | 1972150 |
| 7 | 06S02W19A015 | 93W0696 | V-1 | Other-Active | 6092624 | 1972150 |
| 8 | 06S02W19A016 | 93W0693 | SP-2 | Other-Active | 6092665 | 1972156 |
| 9 | 06S02W19A017 | 93W0694 | V-2 | Other-Active | 6092665 | 1972156 |
| 10 | 06S02W19A018 | 93W0698 | V-4 | Other-Active | 6092651 | 1972091 |
| 11 | 06S02W19A019 | 93W0697 | V-5 | Other-Active | 6092661 | 1972118 |
| 12 | 06S02W19A020 | 93W0699 | V-3 | Other-Active | 6092624 | 1972131 |

- Wells.shp
- ⊕ Water Supply - Active
 - ⊞ Water Supply - Standby
 - Water Supply - Inactive
 - ⊕ Extraction (Env) - Active
 - ⊞ Extraction (Env) - Inactive
 - ⊕ Other - Active
 - Other - Inactive
 - * Abandoned
 - ⊕ Destroyed
 - ▲ Status Undetermined
- Parcels.shp
- ▲ Fuelleak.shp
- VALFLOOR.SHP
- Zone 1
 - Zone 2
 - Zone 3
 - Zone 4
 - Zone 5

Approximate Scale

20 0 20 40 Feet

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05D00616

| | | |
|--|--|--|
| Well Owner: Atlantic Richfield Company | Property Owner: Atlantic Richfield Company | Name of Business/Residence at Well Site: ARCO Service Station # 0707 |
| Well Owner's Mailing Address: P.O. Box 6549 | Property Owner's Mailing Address: P.O. Box 6549 | Address of Well Site: 988 San Antonio Road |
| City, State, Zip: Moraga, CA 94570 | City, State, Zip: Moraga, CA 94570 | City, State, Zip: Los Altos, CA |
| Telephone No.: 925-299-8891 | Telephone No.: 925-299-8891 | Assessor's Parcel Number of Well Site: Book: 167 Page: 16 Parcel: 045 |
| Consultant: URS Corporation | Drilling Company: Gregg Drilling | |
| Address: 1333 Broadway, Suite 800 | Address: 950 Howe Road | |
| City, State, Zip: Oakland, CA 94612 | City, State, Zip: Martinez, CA 94553 | |
| Telephone No.: 510-874-3026 Attn: John McCain | Telephone No.: 925-313-5800 | C-57 License No.: 485165 |
| <input type="checkbox"/> Check if address or phone number has changed. | <input type="checkbox"/> Check if address or phone number has changed. | |

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

Well Information

| | | |
|--|-----------------------------------|---|
| Well Registration No.: 06S02W20D010 | Owner/Consultant Well No.: A-7 | Original Well Construction Permit No.: 90W2038 |
| Well Casing Depth: 55' | Total Boring Depth: 59' | Well Casing Diameter: 3" |

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

☐ Well on SCVWD property/easement* ☐ Well is within 50 feet of the top of a creek/river bank* (* See General Conditions, E.)

Well Description:

☒ Vertical Well ☐ Dewatering Well ☐ Elevator Shaft ☐ Multiple Casing ☐ Horizontal Well ☐ Pit Well

Well Type: check all that apply

☐ Water Producing (supply or extraction) ☐ Contamination Cleanup ☐ Agricultural ☐ Domestic ☐ Municipal & Industrial ☐ Vapor Extraction
☒ Monitoring ☐ Inclinator ☒ Groundwater ☐ Vadose ☐ Piezometer ☐ Interface ☐ Suction Lysimeter ☐ Seismic
☐ Injection/Infiltration ☐ Contamination Cleanup ☐ Reclaimed Water ☐ Air Sparging
☐ Cathodic Protection

Additional Questions For Water Producing Wells

Does the well have: 1. Outer conductor casing? ☐ Yes ☒ No
2. Annular cement seal outside of casing at surface? ☐ Yes ☒ No
3. A S.C.V.W.D. water meter attached? ☐ Yes ☒ No

Type of Original Drilling Method:

☐ Rotary ☐ Cable-Tool ☐ Hand Dug Pit Well ☒ Hollow Stem Auger ☐ Other:

IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120.
Please allow 10 working days to process permit application.

SEP 5 2005

S.C.V.W.D.

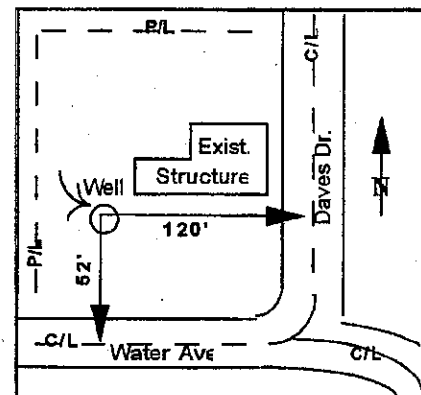
Site Plan

WELL LOCATION

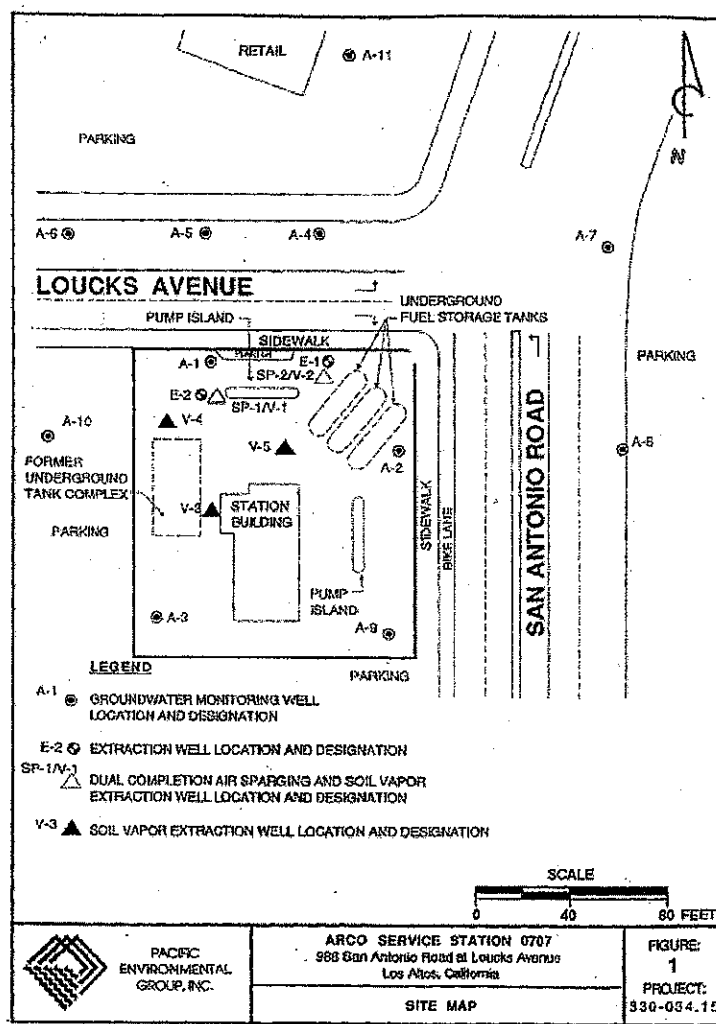
(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Sketch well location as described above:



Please allow 10 working days to process this application.



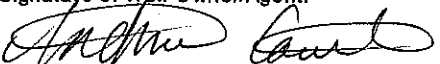
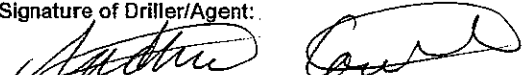
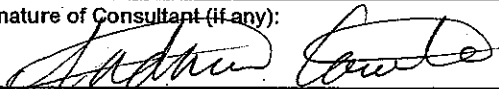
Please describe, in detail, the proposed destruction method*:

Well destruction via pressure grout according to SCVWD guidelines.

* Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

NOTE: All applicable signatures must be present before permit will be processed.

| | | |
|--|--|-----------------|
| Signature of Well Owner/Agent:  | Print Name: Andrew Fowler URS for Atlantic Richfield Co | Date: 9/2/05 |
| Signature of Driller/Agent:  | Print Name: Andrew Fowler URS for Gregg Drilling | Date: 9/2/05 |
| Signature of Consultant (if any):  | Print Name: Andrew Fowler URS | Date: 9/2/05 |

DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).

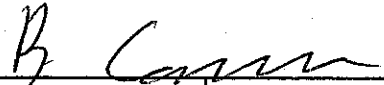
OR NOTE: Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of 59 feet, with a minimum bore of 8 inches.

☐ Clean out well casing to a total depth of _____ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). NOTE: Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: _____

☐ Other: _____

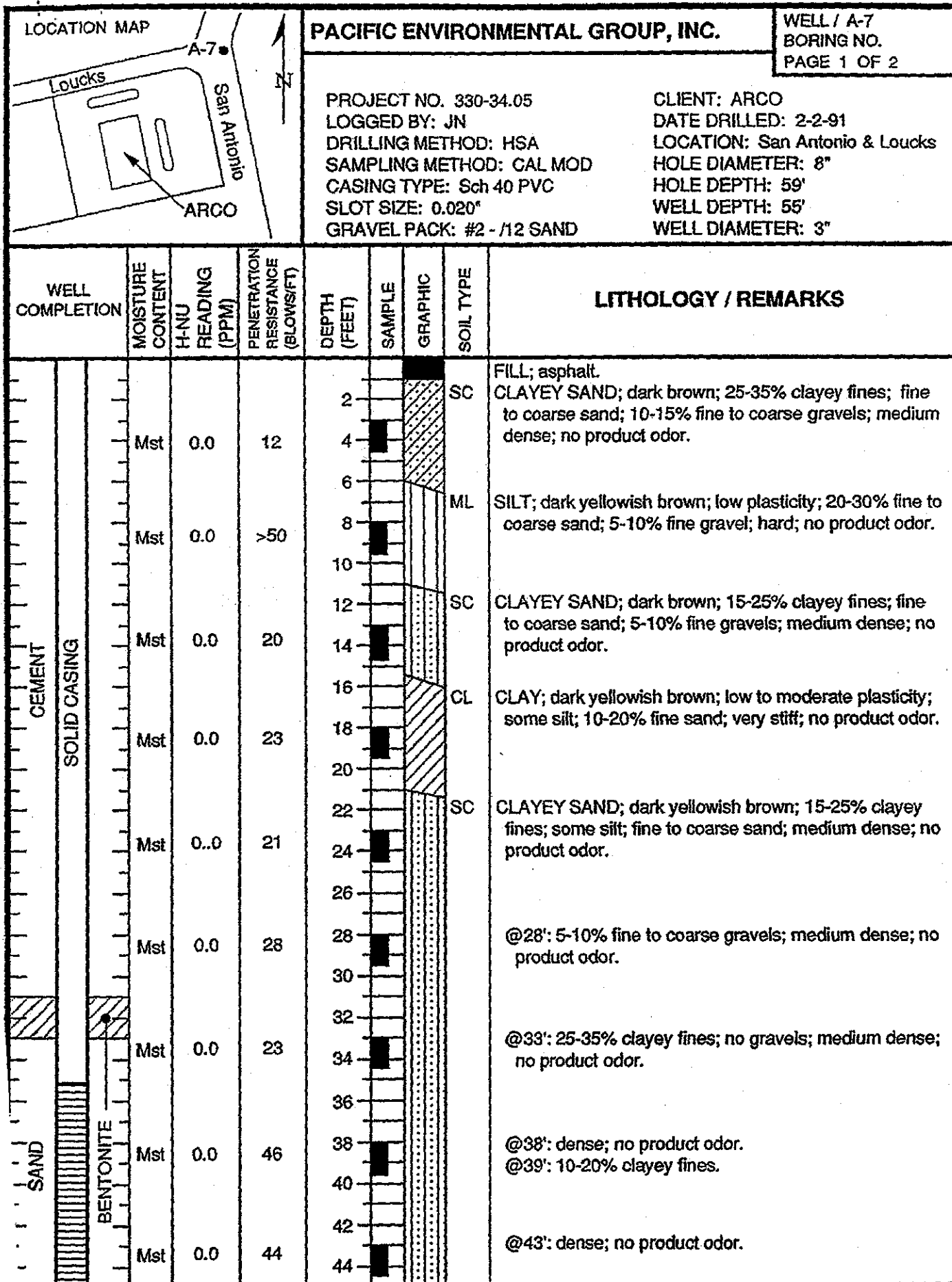
| | |
|--|------------------------------|
| Permit Approved By:  | Date: 9-14-05 |
| District Permit No.: 05D00616 | Date Issued: 9-20-05 |
| Expiration Date: 3-20-06 | Driller's Log No.: 030013 |

Please allow 10 working days to process this application.

GENERAL CONDITIONS

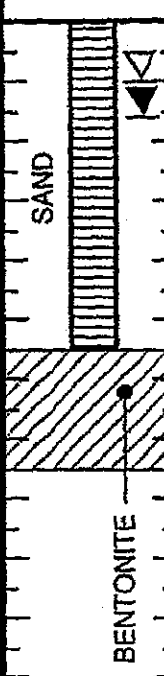
- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.



See Page One

PROJECT NO. 330-34.05
LOGGED BY:
DRILLING METHOD:
SAMPLING METHOD:
CASING TYPE:
SLOT SIZE:
GRAVEL PACK:CLIENT:
DATE DRILLED:
LOCATION:
HOLE DIAMETER:
HOLE DEPTH:
WELL DEPTH:
WELL DIAMETER:

| WELL COMPLETION | MOISTURE CONTENT | H-NU | READING (PPM) | PENETRATION RESISTANCE (BLOWS/FT) | DEPTH (FEET) | SAMPLE | GRAPHIC | SOIL TYPE | LITHOLOGY / REMARKS |
|---|------------------|------|---------------|-----------------------------------|--------------|--------|---------|-----------|---|
|  | | | | | 46 | | | SC | CLAYEY SAND - continued. |
| | | | | | 48 | | | SW | SAND; olive brown; 0-5% fines; fine to coarse sand; 10-15% fine to coarse gravels; very dense; no product odor. |
| | | | | | 50 | | | | |
| | | | | | 52 | | | SM | SILTY SAND; dark greenish gray; 15-25% silty fines; fine to coarse sand; medium dense; no product odor. |
| | | | | | 54 | | | CL | CLAY; dark greenish gray; moderate plasticity; 10-20% fine sand; 5-10% fine gravel; hard; no product odor. |
| | | | | | 56 | | | | |
| | | | | | 58 | | | SM | SILTY SAND; dark greenish gray; 15-25% silty fines; fine to coarse sand; very dense; no product odor. |
| | | | | | 60 | | | | |
| | | | | | 62 | | | | |
| | | | | | 64 | | | | |
| | | | | | 66 | | | | |
| | | | | | 68 | | | | |
| | | | | | 70 | | | | |
| | | | | | 72 | | | | |
| | | | | | 74 | | | | |
| | | | | | 76 | | | | |
| | | | | | 78 | | | | |
| | | | | | 80 | | | | |
| | | | | | 82 | | | | |
| | | | | | 84 | | | | |
| | | | | | 86 | | | | |
| | | | | | 88 | | | | |

BOTTOM OF BORING AT 59'
TOP OF VAULT BOX ELEVATION: 75.84'

Santa Clara Valley Water District

WELL INSPECTION COMPLETION NOTICE

FC 158A (07-26-89) (DP 4-901)

| | | |
|---|--------------------------------|-----------------------------------|
| From: WELL SECTION | Date: 2-6-91 | Permit No.: 90W2038 |
| Inspector: Bill Cameron | Date of Inspection: 2-3-91 | Well Registration No.: 0652W2009A |
| Well Owner: ARCO | | |
| Address of Well Site: 988 San Antonio Rd. | City or County: Los Altos | |
| Drilling Company: Bayland | Consultant: Pacific Env. group | |

PURPOSE OF WELL:

- ☐ Domestic
- ☐ Agricultural
- ☐ Municipal/Industrial
- ☐ Cathodic Protection

*Monitoring Well Use

- ☐ *Vadose
- ☒ *Groundwater
- ☐ *Other:

1. Well completed according to provisions of Santa Clara Valley Water District Permit ☒ Yes ☐ No (If "No", see comments below)
2. Depth of Surface Annular Seal = 33'

Comments: TP = 55' Hollow Stem
 TS = 33' Sand next Cement
 Bent = 2'

Distribution: White - Well Section Yellow - Water Revenue Pink - Permittee Goldenrod - City/County

①

Santa Clara Valley Water District

5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

WELL CONSTRUCTION APPLICATION

FC 158 (12-08-89) (DP 4-901)

project 330-34.05

| | | |
|-----------------------------|--------------------------------|---|
| TO BE COMPLETED BY DISTRICT | | |
| Permit No.: 90W2038 | Date issued: 10-4-90 | Well Registration No.: 0652W20009A |
| Geologic Setting: 3 | Expiration Date: 4-4-91 | Driller's Log No.: 3163561 |

| | | |
|---|---|--|
| TO BE COMPLETED BY OWNER AND DRILLER | | |
| Property Owner: ARCO | Well Owner (if different): | Drilling Co.: Baylands |
| Address: P.O. Box 5811 | Address of Well Site: 988 San Antonio RD | Driller's Contractors License Number (C-57 Req'd): C57-374152 |
| City, State, Zip: San Mateo, Ca 94402 | City, State, Zip: Los Altos, Ca | Address: 555-D Pilgrim |
| Telephone No.: | Telephone No.: | City, State, Zip: Foster City, CA 94404 |
| Assessor's Parcel No. of Well site: Book 167 Page 16 Parcel 45 | Owner's/Consultant's Well No.: A-7 | Telephone No.: 415 574 4880 |

Estimated depth of completed well: ☐ Less than 50 ft. ☒ 50 to 300 ft. ☐ Over 300 ft.

Purpose of Well: ☐ Domestic ☐ Municipal/Industrial ☐ Agricultural ☒ *Monitoring ☐ Cathodic Protection

*Monitoring wells are those constructed for the purpose of obtaining repetitive water level measurements and/or repetitive air samples for analysis. This includes wells constructed for general exploration and investigation purposes as well as those to be constructed in conformance with the Hazardous Materials Storage Permit Ordinance for site-specific groundwater monitoring of existing underground hazardous materials storage tanks.

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

Purpose of Monitoring Well: ☐ To comply with City or County Hazardous Materials Storage Permit Ordinance ☒ Exploration studies ☐ Other (specify): ☐ Extraction/Recovery

NAME OF BUSINESS AT WELL SITE: **ARCO Service Station #707**

If proposed well is to meet compliance with a Hazardous Materials Storage Permit Ordinance has the City or County been contacted? ☐ Yes ☒ No

If yes, give name of City or County:

| | |
|---|--|
| Consultant's Name (Company): PACIFIC ENVIRONMENTAL GROUP, INC. | Type of monitoring device: <input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Vadose |
| Address: 1601 CIVIC Center Dr. #202 | Monitoring well use: <input checked="" type="checkbox"/> Depth <input checked="" type="checkbox"/> Quality <input type="checkbox"/> Chloride |
| City, State, Zip: Santa Clara, CA 95050 | Vadose device installation: <input type="checkbox"/> Vapor <input type="checkbox"/> Interface <input type="checkbox"/> Suction Lysimeter |
| Telephone No.: 408-984-6536 Attn: Rivera | Signature of Responsible Professional (No substitution of signature will be accepted): CEG1293 |
| | Registration No. Civil Engineer OR Certificate No. Engineering Geologist |

TOPOGRAPHIC FEATURES

Well is to be constructed: ☐ In a public sidewalk ☐ In a public road ☐ On public property ☒ On private property ☐ On SCVWD property

Within 50 ft. of the top of a creek bank: ☐ Yes ☒ No

Within 50 ft. of a sanitary sewer: ☐ Yes ☒ No

Within 100 ft. of a pit privy, septic tank, leachfield: ☐ Yes ☒ No

Within 50 ft. of any existing well: ☐ Yes ☒ No

Within 150 ft. of a cesspool or seepage pit: ☐ Yes ☒ No

Other wells exist on this property: ☒ Yes ☐ No

Status: ☒ Active ☐ Inactive ☐ Abandoned

CERTIFICATION BY WELL OWNER/AGENT AND DRILLER/AGENT:

I certify that the information given above is correct to the best of my knowledge. I certify that the well will be constructed in compliance with the conditions of this permit, the Santa Clara Valley Water District's Ordinance 85-1 and, if applicable, the Hazardous Materials Storage Permit Ordinance of the County or City, as appropriate. It is my responsibility as the well owner to notify this District of any changes in the purpose of this well from that which is indicated on this application form.

Signature of Well Owner/Agent: **Glenda Parnell for Baylands** Date: **10-1-90**

Signature of Driller/Agent: **Glenda Parnell for Arco** Date: **10-1-90**

MONITORING WELL PLAN APPROVAL

City/County: _____

Approved by: _____

Date: _____

IMPORTANT: A minimum 24-hour notice must be given to SCVWD Well Inspection Dept. prior to installing the annular seal. Call (408) 927-0710 Ext. 660. For weekends, holidays, after hours call (408) 395-8121 or (408) 927-0710.

2

ORIGINAL
File with DWR

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

330 3784
3407

Do not fill in

No. 363561

Notice of Intent No. _____

Local Permit No. or Date 90DW2038

State Well No. 06S2W20009A

Other Well No. _____

(1) OWNER: Name Arco Products Co.
Address PO Box 5811
City San Mateo Ca ZIP 94402
(2) LOCATION OF WELL (See instructions):
County Santa Clara Owner's Well Number A-7
Well address if different from above (IN STREET) 988 San Antonio
Township Los Altos Range _____ Section _____
Distance from cities, roads, railroads, fences, etc. _____

(12) WELL LOG: Total depth _____ ft. Completed depth _____ ft.
from ft. to ft. Formation (Describe by color, character, size or material)

SEE ATTACHED

(3) TYPE OF WORK:

New Well ☒ Deepening ☐
Reconstruction ☐
Reconditioning ☐
Horizontal Well ☐
Destruction ☐ (Describe destruction materials and procedure on 12)

(4) PROPOSED USE:

Domestic ☒
Irrigation ☐
Industrial ☐
Test Well ☐
Municipal ☐
Other ☒ (Describe)

WELL LOCATION SKETCH

(5) EQUIPMENT:

Rotary ☐ Reverse ☐
Cable ☐ Air ☐
Other ☒ Bucket ☐
Hollow stem

(6) GRAVEL PACK:

Yes ☒ No ☐ Size 2/12
Diameter of bore 8"
Packed from 33' to 55'

(7) CASING INSTALLED:

Steel ☐ Plastic ☒ Concrete ☐

(8) PERFORATIONS:

Type of perforation or size of screen

| From ft. | To ft. | Dia. in. | Gage or Wall | From ft. | To ft. | Slot size |
|----------|--------|----------|--------------|----------|--------|-----------|
| 0 | 55 | 3 | 40 | 35 | 55 | .020 |

(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 33 ft.
Were strata sealed against pollution? Yes ☐ No ☐ Interval _____ ft.
Method of sealing Cement

Work started _____ 19____ Completed _____ 19____

(10) WATER LEVELS:

Depth of first water, if known 46 ft.
Standing level after well completion 47 ft.

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Signed Raymond J. ... (Well Driller)

NAME Raymond J. ... (Person, firm, or corporation) (Typed or printed)

Address 555-D ...

City Posita City ZIP _____

License No. 057-314152 Date of this report 2/27/8



Well Annotations- 12 Wells Selected

APN: 16716045
988 N San Antonio Rd
Los Altos CA
94022

| No | Well_nbr | Permit | Consultnum | Status | Easting | Northing |
|----|--------------|---------|------------|---------------------|---------|----------|
| 1 | 06S02W19A003 | 89W0407 | E-2 | Water Supply-Active | 6092632 | 1972144 |
| 2 | 06S02W19A004 | 89W0406 | E-1 | Water Supply-Active | 6092690 | 1972180 |
| 3 | 06S02W19A005 | 85W0557 | A-1 | Other-Active | 6092655 | 1972163 |
| 4 | 06S02W19A009 | 88W1649 | A-3 | Other-Active | 6092608 | 1972060 |
| 5 | 06S02W19A010 | 88W1648 | A-2 | Other-Active | 6092710 | 1972156 |
| 6 | 06S02W19A014 | 93W0695 | SP-1 | Other-Active | 6092624 | 1972150 |
| 7 | 06S02W19A015 | 93W0696 | V-1 | Other-Active | 6092624 | 1972150 |
| 8 | 06S02W19A016 | 93W0693 | SP-2 | Other-Active | 6092665 | 1972156 |
| 9 | 06S02W19A017 | 93W0694 | V-2 | Other-Active | 6092665 | 1972156 |
| 10 | 06S02W19A018 | 93W0698 | V-4 | Other-Active | 6092651 | 1972091 |
| 11 | 06S02W19A019 | 93W0697 | V-5 | Other-Active | 6092661 | 1972118 |
| 12 | 06S02W19A020 | 93W0699 | V-3 | Other-Active | 6092624 | 1972131 |

- Wells.shp
- Water Supply - Active
 - Water Supply - Standby
 - Water Supply - Inactive
 - Extraction (Env) - Active
 - Extraction (Env) - Inactive
 - Other - Active
 - Other - Inactive
 - Abandoned
 - Destroyed
 - Status Undetermined
- Parcels.shp
- Fuelcask.shp
- VALFLOOR.SHP
- Zone 1
 - Zone 2
 - Zone 3
 - Zone 4
 - Zone 5

Approximate Scale

20 0 20 40 Feet

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05D00615

| | | |
|--|---|---|
| Well Owner: Atlantic Richfield Company | Property Owner: Atlantic Richfield Company | Name of Business/Residence at Well Site: ARCO Service Station # 0707 |
| Well Owner's Mailing Address: P.O. Box 6549 | Property Owner's Mailing Address: P.O. Box 6549 | Address of Well Site: 988 San Antonio Road |
| City, State, Zip: Moraga, CA 94570 | City, State, Zip: Moraga, CA 94570 | City, State, Zip: Los Altos, CA |
| Telephone No.: 925-299-8891 | Telephone No.: 925-299-8891 | Assessor's Parcel Number of Well Site: Book: 167 Page: 16 Parcel: 045 |
| Consultant: URS Corporation | Drilling Company: Gregg Drilling | |
| Address: 1333 Broadway, Suite 800 | Address: 950 Howe Road | |
| City, State, Zip: Oakland, CA 94612 | City, State, Zip: Martinez, CA 94553 | |
| Telephone No.: 510-874-3026 Attn: John McCain | Telephone No.: 925-313-5800 | C-57 License No.: 485165 |
| <input type="checkbox"/> Check if address or phone number has changed. | | <input type="checkbox"/> Check if address or phone number has changed. |

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

Well Information

| | | |
|---|--|--|
| Well Registration No.: 06502W20D011 | Owner/Consultant Well No.: A-8 | Original Well Construction Permit No.: 90W2039 |
| Well Casing Depth: 55' | Total Boring Depth: 56' | Well Casing Diameter: 3" |

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

| | | |
|---|---|---|
| <input type="checkbox"/> Well on SCVWD property/easement* | <input type="checkbox"/> Well is within 50 feet of the top of a creek/river bank* | (* See General Conditions, E.) |
| Well Description: | | |
| <input checked="" type="checkbox"/> Vertical Well | <input type="checkbox"/> Dewatering Well | <input type="checkbox"/> Elevator Shaft |
| <input type="checkbox"/> Multiple Casing | <input type="checkbox"/> Horizontal Well | <input type="checkbox"/> Pit Well |
| Well Type: check all that apply | | |
| <input type="checkbox"/> Water Producing (supply or extraction) | <input type="checkbox"/> Contamination Cleanup | <input type="checkbox"/> Agricultural |
| <input type="checkbox"/> Domestic | <input type="checkbox"/> Municipal & Industrial | <input type="checkbox"/> Vapor Extraction |
| <input checked="" type="checkbox"/> Monitoring | <input type="checkbox"/> Inclinator | <input checked="" type="checkbox"/> Groundwater |
| <input type="checkbox"/> Vadose | <input type="checkbox"/> Piezometer | <input type="checkbox"/> Interface |
| <input type="checkbox"/> Suction Lysimeter | <input type="checkbox"/> Seismic | |
| <input type="checkbox"/> Injection/Infiltration | <input type="checkbox"/> Contamination Cleanup | <input type="checkbox"/> Reclaimed Water |
| <input type="checkbox"/> Air Sparging | | |
| <input type="checkbox"/> Cathodic Protection | | |

Additional Questions For Water Producing Wells

| | | | |
|----------------------------|--|------------------------------|--|
| Does the well have: | 1. Outer conductor casing? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| | 2. Annular cement seal outside of casing at surface? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| | 3. A S.C.V.W.D. water meter attached? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

Type of Original Drilling Method:

| | | | | |
|---------------------------------|-------------------------------------|--|---|---------------------------------|
| <input type="checkbox"/> Rotary | <input type="checkbox"/> Cable-Tool | <input type="checkbox"/> Hand Dug Pit Well | <input checked="" type="checkbox"/> Hollow Stem Auger | <input type="checkbox"/> Other: |
|---------------------------------|-------------------------------------|--|---|---------------------------------|

IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120.
Please allow 10 working days to process permit application.

SEP - 5 2005

S.C.V.W.D.
10/11/05

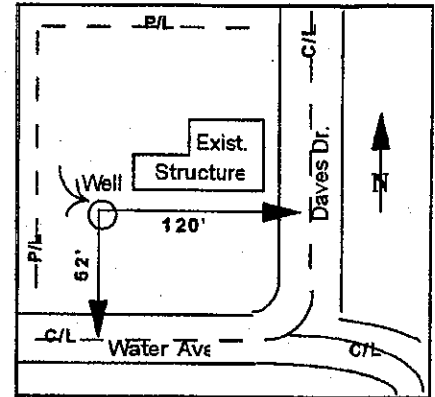
Site Plan

WELL LOCATION

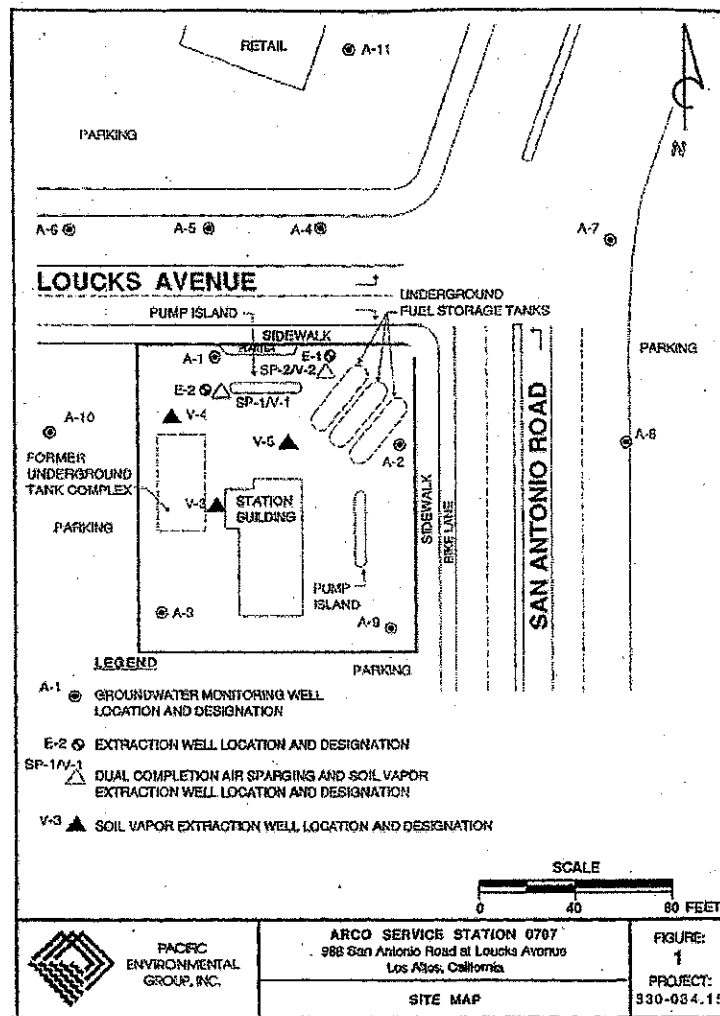
(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Sketch well location as described above:



Please allow 10 working days to process this application.



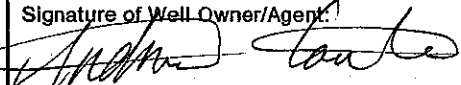
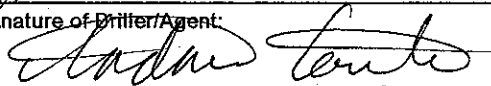
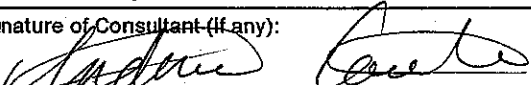
Please describe, in detail, the proposed destruction method*:

Well destruction via pressure grout according to SCVWD guidelines.

* Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

NOTE: All applicable signatures must be present before permit will be processed.

| | | |
|--|--|-----------------|
| Signature of Well Owner/Agent:  | Print Name: Andrew Fowler URS for Atlantic Richfield Co | Date: 9/2/05 |
| Signature of Driller/Agent:  | Print Name: Andrew Fowler URS for Gregg Drilling | Date: 9/2/05 |
| Signature of Consultant (if any):  | Print Name: Andrew Fowler URS | Date: 9/2/05 |

DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).


NOTE: Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of 55 feet, with a minimum bore of 8 inches.

☐ Clean out well casing to a total depth of _____ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). NOTE: Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: _____

☐ Other: _____

| | | | |
|--|-------------------------|-----------------------------|------------------------------|
| Permit Approved By:  | | Date: 9-14-05 | |
| District Permit No.: 05D00615 | Date Issued: 9-20-05 | Expiration Date: 3-20-06 | Driller's Log No.: 030012 |

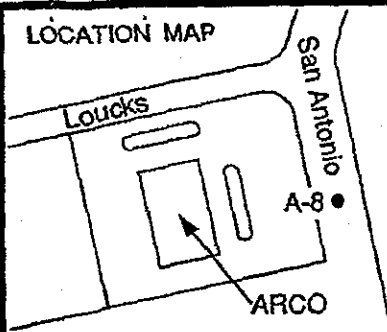
Please allow 10 working days to process this application.

GENERAL CONDITIONS

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. If the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

WELL / A-8
BORING NO.
PAGE 1 OF 2

PROJECT NO. 330-34.05
LOGGED BY: JN
DRILLING METHOD: HSA
SAMPLING METHOD: CAL MOD
CASING TYPE: Sch 40 PVC
SLOT SIZE: 0.020"
GRAVEL PACK: #2 - 1/2 SAND

CLIENT: ARCO
DATE DRILLED: 2-2-91
LOCATION: San Antonio & Loucks
HOLE DIAMETER: 8"
HOLE DEPTH: 56'
WELL DEPTH: 55'
WELL DIAMETER: 3"

| WELL COMPLETION | MOISTURE CONTENT | H-NU READING (PPM) | PENETRATION RESISTANCE (BLOWS/FT) | DEPTH (FEET) | SAMPLE | GRAPHIC | SOIL TYPE | LITHOLOGY / REMARKS |
|------------------------|------------------|--------------------------|---|-----------------|--------|---------|-----------|--|
| CEMENT SOLID CASING | Mst | 0.0 | 10 | 2 | | | SC | FILL; asphalt. |
| | | | | 4 | | | | CLAYEY SAND; very dark brown; 20-30% clayey fines; fine to coarse sand; 5-15% fine to coarse gravel; loose; no product odor. |
| | Mst | 0.0 | 24 | 8 | | | | @8': medium dense; no product odor. |
| | Mst | 0.0 | 24 | 14 | | | CL SC | CLAY; medium dense; no product odor; 1" clay lens; very dark brown; moderate plasticity; no product odor. |
| | Mst | 0.0 | 21 | 18 | | | ML | SANDY CLAY; as above. |
| | Mst | 0.0 | 20 | 24 | | | | SILT; olive brown; low plasticity; 10-20% fine sand; very stiff; no product odor. |
| | Mst | 0.0 | 27 | 28 | | | | @23': rootlet holes; no product odor. |
| | Mst | 0.0 | 30 | 32 | | | SC | @28': 20-30% fine to medium sand; very stiff; no product odor. |
| | Mst | 0.0 | 38 | 34 | | | | CLAYEY SAND; olive brown; 20-30% clayey fines; fine to coarse sand; 0-5% fine gravels; medium dense; no product odor. |
| | Mst | 0.0 | 30 | 38 | | | | @38': medium dense; no product odor. |
| | Mst | 0.0 | >50 | 42 | | | | @38': very dense; no product odor. |
| | Mst | 0.0 | | 44 | | | | |
| | | | | | | | | |
| | | | | | | | | |
| SAND | | | | | | | | |
| BENTONITE | | | | | | | | |

LOCATION MAP

See Page One

PACIFIC ENVIRONMENTAL GROUP, INC.

WELL / A-8
BORING NO.
PAGE 2 OF 2PROJECT NO. 330-34.05
LOGGED BY:
DRILLING METHOD:
SAMPLING METHOD:
CASING TYPE:
SLOT SIZE:
GRAVEL PACK:CLIENT:
DATE DRILLED:
LOCATION:
HOLE DIAMETER:
HOLE DEPTH:
WELL DEPTH:
WELL DIAMETER:

| WELL COMPLETION | MOISTURE CONTENT | H-NU READING (PPM) | PENETRATION RESISTANCE (BLOWS/FT) | DEPTH (FEET) | SAMPLE | GRAPHIC | SOIL TYPE | LITHOLOGY / REMARKS |
|-----------------|------------------|--------------------------|---|-----------------|--------|---------|-----------|--|
| SAND | | | | 46 | | | SC | CLAYEY SAND - continued. |
| | Wt | 0.0 | >50 | 48 | | | | @48': 10-20% clayey fines; 10-20% fine to coarse gravel; very dense; no product odor. |
| Natural | Wt | 0.0 | >50 | 50 | | | SM | SILTY SAND; dark greenish gray; 15-25% silty fines; fine to coarse sand; 10-15% fine to coarse gravels; very dense; no product odor. |
| | | 0.0 | 14 | 52 | | | CL | CLAY; dark greenish gray; moderate plasticity; some silt; 20-30% fine to coarse sand. |
| | Mst | | | 54 | | | | |
| | Wt | 0.0 | 15 | 56 | | | SM | SILTY SAND; grading back into silty sand; dark greenish gray; 15-25% silty fines; fine to coarse sand; 10-15% fine to coarse gravels; medium dense; no product odor. |
| | | | | 58 | | | | |
| | | | | 60 | | | | |
| | | | | 62 | | | | |
| | | | | 64 | | | | |
| | | | | 66 | | | | |
| | | | | 68 | | | | |
| | | | | 70 | | | | |
| | | | | 72 | | | | |
| | | | | 74 | | | | |
| | | | | 76 | | | | |
| | | | | 78 | | | | |
| | | | | 80 | | | | |
| | | | | 82 | | | | |
| | | | | 84 | | | | |
| | | | | 86 | | | | |
| | | | | 88 | | | | |

BOTTOM OF BORING AT 56'
TOP OF VAULT BOX ELEVATION: 76.82'

Santa Clara Valley Water District

WELL INSPECTION COMPLETION NOTICE

FC 158A (07-26-89) (DP 4-901)

| | | |
|---|--------------------------------|--|
| From: WELL SECTION | Date: 2-6-91 | Permit No.: 90W2039 |
| Inspector: Bill Cameron | Date of Inspection: 2-3-91 | Well Registration No.: A-8 0652W2039D10A |
| Well Owner: ARCO | | |
| Address of Well Site: 988 San Antonio Rd. | City or County: Los Altos | |
| Drilling Company: Bayland | Consultant: Pacific Env. group | |

PURPOSE OF WELL:

- ☐ Domestic
- ☐ Agricultural
- ☐ Municipal/Industrial
- ☐ Cathodic Protection

*Monitoring Well Use

- ☐ *Vadose
- ☒ *Groundwater
- ☐ *Other

1. Well completed according to provisions of Santa Clara Valley Water District Permit ☒ Yes ☐ No (If "No", see comments below)
2. Depth of Surface Annular Seal = 33'

Comments: ID = 55' Hollow stem
 TS = 33' sand cement
 Bent = 2'

Distribution: White - Well Section Yellow - Water Revenue Pink - Permittee Goldenrod - City/County

①

Santa Clara Valley Water District

5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

WELL CONSTRUCTION APPLICATION

FC 158 (12-08-89) (DP 4-901)

project 330-34.07

| | | |
|-------------------------------------|--------------------------------|---|
| TO BE COMPLETED BY DISTRICT | | |
| District Permit No.: <u>90W2039</u> | Date issued: <u>10-4-90</u> | Well Registration No.: <u>06S2W20D10A</u> |
| Geologic Setting: <u>3</u> | Expiration Date: <u>4-4-91</u> | Driller's Log No.: <u>363562</u> |

| | | |
|---|---|--|
| TO BE COMPLETED BY OWNER AND DRILLER | | |
| Property Owner: <u>ARCO</u> | Well Owner (if different): | Drilling Co.: <u>Baylands</u> |
| Address: <u>P.O. Box 5811</u> | Address of Well Site: <u>988 San Antonio RD</u> | Driller's Contractors License Number (C-57 Req'd): <u>C57-374152</u> |
| City, State, Zip: <u>San Mateo, Ca 94402</u> | City, State, Zip: <u>Los Altos, Ca</u> | Address: <u>555-D Pilgrim</u> |
| Telephone No.: | Telephone No.: | City, State, Zip: <u>Foster City, Ca 94404</u> |
| Assessor's Parcel No. of Well site: Book <u>167</u> Page <u>16</u> Parcel <u>45</u> | Owner's/Consultant's Well No.: <u>A-8</u> | Telephone No.: <u>415 574 4880</u> |

Estimated depth of completed well: ☐ Less than 50 ft. ☒ 50 to 300 ft. ☐ Over 300 ft.

Purpose of Well: ☐ Domestic ☐ Municipal/Industrial ☐ Agricultural ☒ *Monitoring ☐ Cathodic Protection

*Monitoring wells are those constructed for the purpose of obtaining repetitive water level measurements and/or repetitive air samples for analysis. This includes wells constructed for general exploration and investigation purposes as well as those to be constructed in conformance with the Hazardous Materials Storage Permit Ordinance for site-specific groundwater monitoring of existing underground hazardous materials storage tanks.

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

Purpose of Monitoring Well: ☐ To comply with City or County Hazardous Materials Storage Permit Ordinance ☒ Exploration studies ☐ Other (specify): ☐ Extraction/Recovery

NAME OF BUSINESS AT WELL SITE: ARCO Service Station #707

If proposed well is to meet compliance with a Hazardous Materials Storage Permit Ordinance has the City or County been contacted? ☐ Yes ☐ No

If yes, give name of City or County:

Consultant's Name (Company): Pacific Environmental Group, Inc.

Address: 1601 Civic Center Dr. #202

City, State, Zip: Santa Clara, CA 95050

Telephone No.: 408-984-6536

Type of monitoring device: ☒ Groundwater ☐ Vadose

Monitoring well use: ☒ Depth ☒ Quality ☐ Chloride

Vadose device installation: ☐ Vapor ☐ Interface ☐ Suction Lysimeter

Signature of Responsible Professional (No substitution of signature will be accepted): D. J. Moore

Registration No. Civil Engineer OR Certificate No. Engineering Geologist: CG1293

TOPOGRAPHIC FEATURES

Well is to be constructed: ☐ In a public sidewalk ☐ In a public road ☐ On public property ☒ On private property ☐ On SCVWD property

Within 50 ft of the top of a creek bank: ☐ Yes ☒ No

Within 50 ft of a sanitary sewer: ☐ Yes ☒ No

Within 100 ft of a pit privy, septic tank, leachfield: ☐ Yes ☒ No

Other wells exist on this property: ☒ Yes ☐ No

Status: ☒ Active ☐ Inactive ☐ Abandoned

CERTIFICATION BY WELL OWNER/AGENT AND DRILLER/AGENT:

I certify that the information given above is correct to the best of my knowledge. I certify that the well will be constructed in compliance with the conditions of this permit, the Santa Clara Valley Water District's Ordinance 85-1 and, if applicable, the Hazardous Materials Storage Permit Ordinance of the County or City, as appropriate. It is my responsibility as the well owner to notify this District of any changes in the purpose of this well from that which is indicated on this application form.

Signature of Well Owner/Agent: Glenn Kinnick for Baylands Date: 10-1-90

Signature of Driller/Agent: Glenn Kinnick for Arco Date: 10-1-90

MONITORING WELL PLAN APPROVAL

City/County: _____

Approved by: _____

Date: _____

IMPORTANT: A minimum 24-hour notice must be given to SCVWD Well Inspection Dept. prior to installing the annular seal. Call (408) 927-0710 Ext. 660. For weekends, holidays, after hours call (408) 395-8121 or (408) 927-0710.

2

ORIGINAL
File with DWR

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

330 3407

Do not fill in

No. 363562

Notice of Intent No. _____
Local Permit No. or Date 90W2039

State Well No. 06S3W20010A
Other Well No. _____

(1) OWNER: Name Arco Products Co
Address PO Box 581
City San Mateo Ca ZIP 94402

(12) WELL LOG: Total depth _____ ft. Completed depth _____ ft.
from ft. to ft. Formation (Describe by color, character, size or material)

(2) LOCATION OF WELL (See instructions):
County Santa Clara Owner's Well Number A-8
Well address if different from above (N street) 983 San Antonio
Township Los Altos Range _____ Section _____
Distance from cities, roads, railroads, fences, etc. _____

SEE MAP

(3) TYPE OF WORK:
New Well ☒ Deepening ☐
Reconstruction ☐
Reconditioning ☐
Horizontal Well ☐
Destruction ☐ (Describe destruction materials and procedures in item 12)

(4) PROPOSED USE:
Domestic ☒
Irrigation ☒
Industrial ☐
Test Well ☐
Municipal ☐
Other ☒ Monitoring
(Describe)

WELL LOCATION SKETCH

(5) EQUIPMENT:
Rotary ☐ Reverse ☐
Cable ☐ Air ☐
Other ☒ Hollow stem Bucket ☐

(6) GRAVEL PACK:
Yes ☒ No ☐ Size 12X20
Diameter of bore 8
Packed from 33 to 49 ft.

(7) CASING INSTALLED:
Steel ☐ Plastic ☒ Concrete ☐

(8) PERFORATIONS:
Type of perforation or size of screen

| From ft. | To ft. | Dia. in. | Cage or Wall | From ft. | To ft. | Slot size |
|----------|--------|----------|--------------|----------|--------|-----------|
| 0 | 55 | 3 | 40 | 35 | 55 | .020 |

(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 33 ft.
Were strata sealed against pollution? Yes ☐ No ☐ Interval _____ ft.
Method of sealing Cement

(10) WATER LEVELS:

Depth of first water, if known 46.5 ft.
Standing level after well completion 48 ft.

(11) WELL TESTS:

Was well test made? Yes ☐ No ☐ If yes, by whom? _____
Type of test Pump ☐ Bailer ☐ Air lift ☐
Depth to water at start of test _____ ft. At end of test _____ ft.
Discharge _____ gal/min after _____ hours Water temperature _____
Chemical analysis made? Yes ☒ No ☐ If yes, by whom? YES
Was electric log made Yes ☐ No ☐ If yes, attach copy to this report

Work started _____ 19____ Completed _____ 19____

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Signed Rafael J. Rodriguez
NAME Rafael J. Rodriguez (Well Driller)
Address 555 D. Pujar (Person, firm, or corporation) (Typed or printed)
City San Jose ZIP _____
License No. CS 37452 Date of this report 2/27/91



APN: 16716045
988 N San Antonio Rd
Los Altos CA
94022

Well Annotations- 12 Wells Selected

| No | Well_nbr | Permit | Consultnum | Status | Easting | Northing |
|----|--------------|---------|------------|---------------------|---------|----------|
| 1 | 06S02W19A003 | 89W0407 | E-2 | Water Supply-Active | 6092632 | 1972144 |
| 2 | 06S02W19A004 | 89W0406 | E-1 | Water Supply-Active | 6092690 | 1972160 |
| 3 | 06S02W19A005 | 85W0557 | A-1 | Other-Active | 6092655 | 1972163 |
| 4 | 06S02W19A009 | 88W1649 | A-3 | Other-Active | 6092608 | 1972060 |
| 5 | 06S02W19A010 | 88W1648 | A-2 | Other-Active | 6092710 | 1972156 |
| 6 | 06S02W19A014 | 93W0695 | SP-1 | Other-Active | 6092624 | 1972150 |
| 7 | 06S02W19A015 | 93W0696 | V-1 | Other-Active | 6092624 | 1972150 |
| 8 | 06S02W19A016 | 93W0693 | SP-2 | Other-Active | 6092665 | 1972156 |
| 9 | 06S02W19A017 | 93W0694 | V-2 | Other-Active | 6092665 | 1972156 |
| 10 | 06S02W19A018 | 93W0698 | V-4 | Other-Active | 6092651 | 1972091 |
| 11 | 06S02W19A019 | 93W0697 | V-5 | Other-Active | 6092661 | 1972118 |
| 12 | 06S02W19A020 | 93W0699 | V-3 | Other-Active | 6092624 | 1972131 |

- Wells.shp
- ⊕ Water Supply - Active
 - ⊕ Water Supply - Standby
 - Water Supply - Inactive
 - ⊕ Extraction (Env) - Active
 - Extraction (Env) - Inactive
 - ⊕ Other - Active
 - Other - Inactive
 - * Abandoned
 - ⊕ Destroyed
 - ▲ Status Undetermined
- Parcels.shp
- VALFLOOR.SHP
- Zone 1
 - Zone 2
 - Zone 3
 - Zone 4
 - Zone 5

Approximate Scale

20 0 20 40 Feet

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05D00614

| | | | |
|--|---|---|------------------------------------|
| Well Owner: Atlantic Richfield Company | Property Owner: Atlantic Richfield Company | Name of Business/Residence at Well Site: ARCO Service Station # 0707 | |
| Well Owner's Mailing Address: P.O. Box 6549 | Property Owner's Mailing Address: P.O. Box 6549 | Address of Well Site: 988 San Antonio Road | |
| City, State, Zip: Moraga, CA 94570 | City, State, Zip: Moraga, CA 94570 | City, State, Zip: Los Altos, CA | |
| Telephone No.: 925-299-8891 | Telephone No.: 925-299-8891 | Assessor's Parcel Number of Well Site: Book: 167 Page: 16 Parcel: 045 | |
| Consultant: URS Corporation | | Drilling Company: Gregg Drilling | |
| Address: 1333 Broadway, Suite 800 | | Address: 950 Howe Road | |
| City, State, Zip: Oakland, CA 94612 | | City, State, Zip: Martinez, CA 94553 | |
| Telephone No.: 510-874-3026 Attn: John McCain | | Telephone No.: 925-313-5800 | C-57 License No.: 485165 |
| <input type="checkbox"/> Check if address or phone number has changed. | | <input type="checkbox"/> Check if address or phone number has changed. | |

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

Well Information

| | | |
|---|--|--|
| Well Registration No.: 06502619A011 | Owner/Consultant Well No.: A-9 | Original Well Construction Permit No.: 90W2040 |
| Well Casing Depth: 60' | Total Boring Depth: 61.5' | Well Casing Diameter: 3" |

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

☐ Well on SCVWD property/easement* ☐ Well is within 50 feet of the top of a creek/river bank* (* See General Conditions, E.)

Well Description:

☒ Vertical Well ☐ Dewatering Well ☐ Elevator Shaft ☐ Multiple Casing ☐ Horizontal Well ☐ Pit Well

Well Type: check all that apply

☐ Water Producing ☐ Contamination Cleanup ☐ Agricultural ☐ Domestic ☐ Municipal & Industrial ☐ Vapor Extraction (supply or extraction)

☒ Monitoring ☐ Inclinator ☒ Groundwater ☐ Vadose ☐ Piezometer ☐ Interface ☐ Suction Lysimeter ☐ Seismic

☐ Injection/Infiltration ☐ Contamination Cleanup ☐ Reclaimed Water ☐ Air Sparging

☐ Cathodic Protection

Additional Questions For Water Producing Wells

Does the well have:

1. Outer conductor casing? ☐ Yes ☒ No

2. Annular cement seal outside of casing at surface? ☐ Yes ☒ No

3. A S.C.V.W.D. water meter attached? ☐ Yes ☒ No

Type of Original Drilling Method:

☐ Rotary ☐ Cable-Tool ☐ Hand Dug Pit Well ☒ Hollow Stem Auger ☐ Other:

IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120.
Please allow 10 working days to process permit application.

SEP 5 2005

S.C.V.W.D.
WELLS

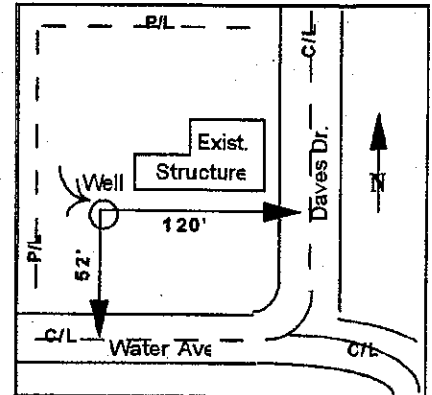
Site Plan

WELL LOCATION

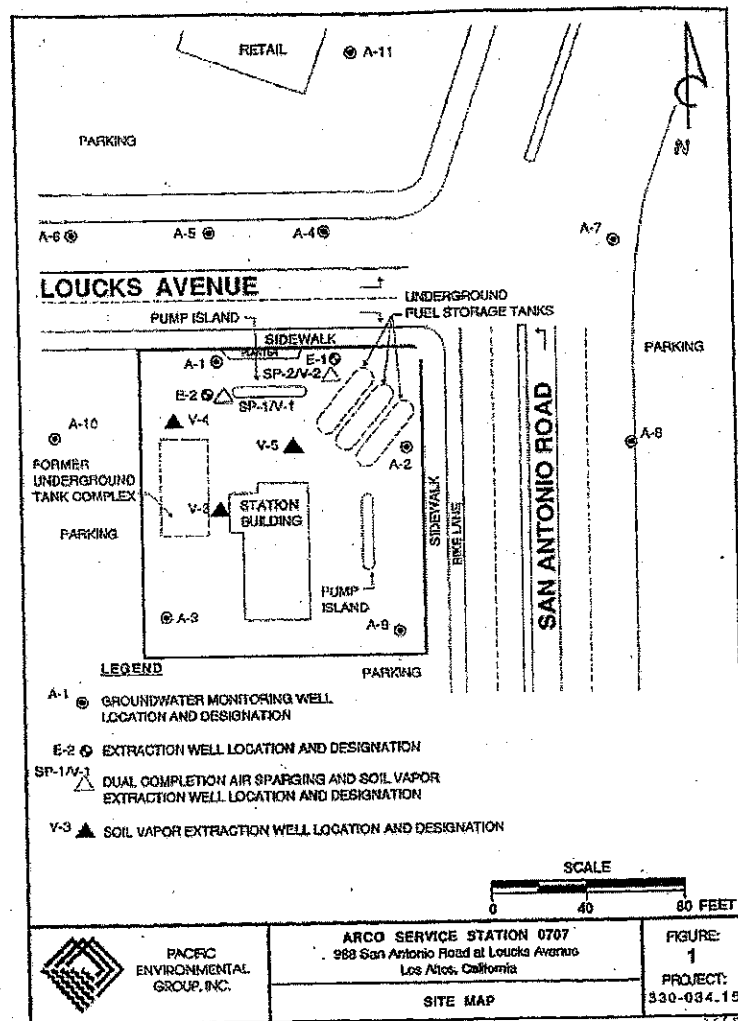
(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Sketch well location as described above:



Please allow 10 working days to process this application.

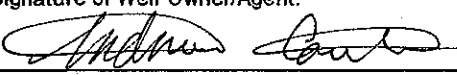
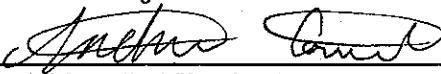
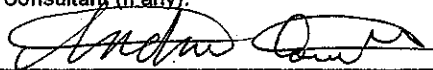
Please describe, in detail, the proposed destruction method*:

Well destruction via pressure grout according to SCVWD guidelines.

*Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

NOTE: All applicable signatures must be present before permit will be processed.

| | | |
|--|--|-----------------|
| Signature of Well Owner/Agent:  | Print Name: Andrew Fowler / URS for Atlantic Richfield Co | Date: 9/2/05 |
| Signature of Driller/Agent:  | Print Name: Andrew Fowler URS for Gregg Drilling | Date: 9/2/05 |
| Signature of Consultant (if any):  | Print Name: Andrew Fowler URS | Date: 9/2/05 |

DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).

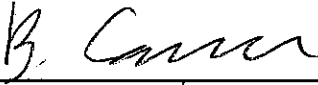
OR NOTE: Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of 60 feet, with a minimum bore of 8 inches.

☐ Clean out well casing to a total depth of _____ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). NOTE: Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: _____

☐ Other: _____

| | | | |
|---|-----------------------------|---------------------------------|----------------------------------|
| Permit Approved By:  | | Date: <u>9-14-05</u> | |
| District Permit No.: <u>05D00614</u> | Date Issued: <u>9-20-05</u> | Expiration Date: <u>3-20-06</u> | Driller's Log No.: <u>03D011</u> |

Please allow 10 working days to process this application.

**GENERAL CONDITIONS**

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

| <div> <div> LOCATION MAP </div> <div> PACIFIC ENVIRONMENTAL GROUP, INC. </div> <div> WELL / A-9 BORING NO. PAGE 1 OF 2 </div> </div> | | | | | <div> PROJECT NO. 330-34.05 LOGGED BY: JN DRILLING METHOD: HSA SAMPLING METHOD: CAL MOD CASING TYPE: Sch 40 PVC SLOT SIZE: 0.020" GRAVEL PACK: #2 - 1/2 SAND </div> <div> CLIENT: ARCO DATE DRILLED: 2-3-91 LOCATION: San Antonio & Loucks HOLE DIAMETER: 8" HOLE DEPTH: 61.5' WELL DEPTH: 60' WELL DIAMETER: 3" </div> | | | | |
|---|------------------|------|---------------|-----------------------------------|---|--------|---------|-----------|--|
| WELL COMPLETION | MOISTURE CONTENT | H-NU | READING (PPM) | PENETRATION RESISTANCE (BLOWS/FT) | DEPTH (FEET) | SAMPLE | GRAPHIC | SOIL TYPE | LITHOLOGY / REMARKS |
| <div> CEMENT SOLID CASING SAND BENTONITE </div> | Mst | 0.0 | 39 | | 2 | | | SC | FILL; asphalt. |
| | | | | | 4 | | | | CLAYEY SAND; dark brown; 10-20% clayey fines; fine to coarse sand; medium dense; no product odor. |
| | | | | | 6 | | | | |
| | Mst | 0.0 | 24 | | 8 | | | | @8': medium dense; no product odor. |
| | | | | | 10 | | | | |
| | Dry-Mst | 0.0 | 32 | | 12 | | | | @13': medium dense; no product odor. |
| | | | | | 14 | | | | |
| | Mst | 0.0 | 16 | | 16 | | | ML | SILT; olive brown; low plasticity; 15-25% fine to medium sand; stiff; no product odor. |
| | | | | | 18 | | | | |
| | Mst | 0.0 | 28 | | 20 | | | SM | SILTY SAND; dark yellowish brown; 25-35% silty fines; some clay; fine to coarse sand; medium dense; no product odor. |
| | | | | | 22 | | | | |
| | Mst | 0.0 | 23 | | 24 | | | SC | CLAYEY SAND; olive brown; 15-25% clayey fines; fine to coarse sand; 5-10% fine gravels; medium dense; no product odor. |
| | | | | | 26 | | | | |
| | Mst | 0.0 | 46 | | 28 | | | | @33': dense; no product odor. |
| | | | | | 30 | | | | |
| | Mst | 0.0 | 50 | | 32 | | | | @38': very dense; no product odor. |
| | | | | | 34 | | | | |
| | | | | | 36 | | | | |
| | Mst | 0.0 | >50 | | 38 | | | | |
| | | | | | 40 | | | | |
| | | | | | 42 | | | SM | SILTY SAND; olive brown; 20-30% silty fines; fine to coarse sand; 5-15% fine to coarse gravels; very dense; no product odor. |
| | | | | | 44 | | | | |

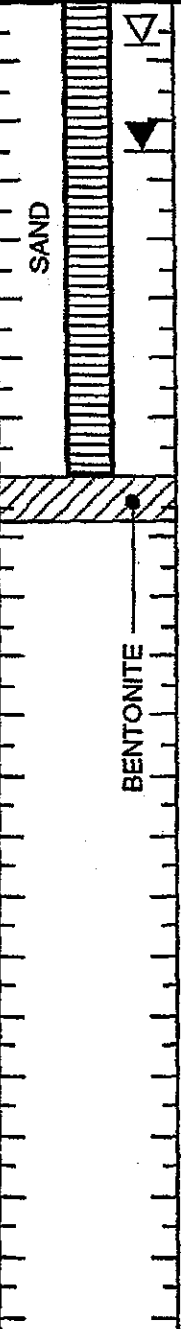
LOCATION MAP

PACIFIC ENVIRONMENTAL GROUP, INC.

WELL / A-9
BORING NO.
PAGE 2 OF 2

See Page One

PROJECT NO. 330-34.05
LOGGED BY:
DRILLING METHOD:
SAMPLING METHOD:
CASING TYPE:
SLOT SIZE:
GRAVEL PACK:CLIENT:
DATE DRILLED:
LOCATION:
HOLE DIAMETER:
HOLE DEPTH:
WELL DEPTH:
WELL DIAMETER:

| WELL COMPLETION | MOISTURE CONTENT | H-NU READING (PPM) | PENETRATION RESISTANCE (BLOWS/FT) | DEPTH (FEET) | SAMPLE | GRAPHIC | SOIL TYPE | LITHOLOGY / REMARKS |
|--|---------------------|--------------------------|---|-----------------|--------|---------|-----------|--|
|  | | | | 46 | | | SM | SILTY SAND - continued. |
| | | | | 48 | | | | @48': very dense; no product odor. |
| | Wt | 0.0 | >50 | 50 | | | SM | SILTY SAND; dark greenish gray; 20-30% silty fines; fine to coarse sand. |
| | | | | 52 | | | | |
| | Wt | 0.0 | 32 | 54 | | | | @53': dense; no product odor. |
| | | | | 56 | | | | |
| | Wt | 0.0 | >50 | 58 | | | | |
| | Mst | 0.0 | 24 | 60 | | | CL | CLAY; dark olive gray; low plasticity; some silt; 15-25% fine sand; very stiff; no product odor. |
| | Mst | 0.0 | 10 | 62 | | | | |
| | | | | 64 | | | | |
| | | | | 66 | | | | |
| | | | | 68 | | | | |
| | | | | 70 | | | | |
| | | | | 72 | | | | |
| | | | | 74 | | | | |
| | | | | 76 | | | | |
| | | | | 78 | | | | |
| | | | | 80 | | | | |
| | | | | 82 | | | | |
| | | | | 84 | | | | |
| | | | | 86 | | | | |
| | | | | 88 | | | | |

BOTTOM OF BORING AT 61.5'
TOP OF VAULT BOX ELEVATION: 77.71'

Santa Clara Valley Water District

WELL INSPECTION COMPLETION NOTICE

FC 158A (07-26-89) (DP 4-901)

| | | |
|---------------------------------------|-------------------------------|--|
| From: WELL SECTION | Date: 2-6-91 | Permit No.: 90W 2040 |
| Inspector: Bill Cameron | Date of Inspection: 2-3-91 | Well Registration No.: A-9 0652W19A07A |
| Well Owner: ARCO | | |
| Address of Well Site: 988 San Antonio | City or County: Los Altos | |
| Drilling Company: Bay land | Consultant: Pacific Env. grp. | |

PURPOSE OF WELL:

- ☐ Domestic
☐ Agricultural
☐ Municipal/Industrial
☐ Cathodic Protection

*Monitoring Well Use

- ☐ *Vadose
☒ *Groundwater
☐ *Other

1. Well completed according to provisions of Santa Clara Valley Water District Permit ☒ Yes ☐ No (If "No", see comments below)
2. Depth of Surface Annular Seal = 33'

Comments: TD = 60'
TS = 33'
Bent = 21'
Hollow stem
Sand cement

Distribution: White - Well Section Yellow - Water Revenue Pink - Permittee Goldenrod - City/County

①

Santa Clara Valley Water District
5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

WELL CONSTRUCTION APPLICATION
FC 158 (12-08-00) (DP 4-001)

project 330-34.07

| | | |
|--|-----------------------------------|--|
| TO BE COMPLETED BY DISTRICT | | |
| District Permit No.: 90W2040 | Date issued: 10-4-90 | Well Registration No.: 06SAW19A07A |
| Geologic Setting: 3 | Expiration Date: 4-4-91 | Driller's Log No.: 363563 |

| | | |
|--|--|---|
| TO BE COMPLETED BY OWNER AND DRILLER | | |
| Property Owner: ARCO | Well Owner (if different): | Drilling Co.: Baylands |
| Address: P.O. Box 5811 | Address of Well Site: 988 San Antonio RD | Driller's Contractors License Number (C-57 Req'd): C57-374152 |
| City, State, Zip: San Mateo, Ca 94402 | City, State, Zip: Los Altos, Ca | Address: 555-D Algrim |
| Telephone No.: | Telephone No.: | City, State, Zip: Foster City, Ca 94404 |
| Assessor's Parcel No. of Well site: Book 167 Page 16 Parcel 45 | Owner's/Consultant's Well No.: A-9 | Telephone No.: 415 574 4880 |

Estimated depth of completed well: ☐ Less than 50 ft. ☒ 50 to 300 ft. ☐ Over 300 ft.
Purpose of Well: ☐ Domestic ☐ Municipal/Industrial ☐ Agricultural ☒ *Monitoring ☐ Cathodic Protection
*Monitoring wells are those constructed for the purpose of obtaining repetitive water level measurements and/or repetitive air samples for analysis. This includes wells constructed for general exploration and investigation purposes as well as those to be constructed in conformance with the Hazardous Materials Storage Permit Ordinance for site-specific groundwater monitoring of existing underground hazardous materials storage tanks.

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS
Purpose of Monitoring Well: ☐ To comply with City or County Hazardous Materials Storage Permit Ordinance ☒ Exploration studies
☐ Other (specify): ☐ Extraction/Recovery
NAME OF BUSINESS AT WELL SITE: **ARCO Service Station #707**
If proposed well is to meet compliance with a Hazardous Materials Storage Permit Ordinance has the City or County been contacted? ☐ Yes ☒ No
If yes, give name of City or County:

Consultant's Name (Company):
PACIFIC ENVIRONMENTAL GROUP, INC.
Address:
1601 CIVIC CENTER DR. #202
City, State, Zip:
Santa Clara, CA 95050
Telephone No.:
408-984-6536

Type of monitoring device: ☒ Groundwater ☐ Vadose
Monitoring well use: ☒ Depth ☒ Quality ☐ Chloride
Vadose device installation: ☐ Vapor ☐ Interface ☐ Suction Lysimeter
Signature of Responsible Professional
(No substitution of signature will be accepted)
CEG/1293
Registration No. Civil Engineer OR Certificate No. Engineering Geologist

TOPOGRAPHIC FEATURES

Well is to be constructed: ☐ In a public sidewalk ☐ In a public road ☒ On public property ☐ On private property ☐ On SCVWD property
Within 50 ft. of the top of a creek bank ☐ Yes ☒ No Within 50 ft. of any existing well ☐ Yes ☒ No
Within 50 ft. of a sanitary sewer ☐ Yes ☒ No Within 150 ft. of a cesspool or seepage pit ☐ Yes ☒ No
Within 100 ft. of a pit privy, septic tank, leachfield ☐ Yes ☒ No Other wells exist on this property ☒ Yes ☐ No
Status: ☒ Active ☐ Inactive ☐ Abandoned

CERTIFICATION BY WELL OWNER/AGENT AND DRILLER/AGENT:

I certify that the information given above is correct to the best of my knowledge. I certify that the well will be constructed in compliance with the conditions of this permit, the Santa Clara Valley Water District's Ordinance 85-1 and, if applicable, the Hazardous Materials Storage Permit Ordinance of the County or City, as appropriate. It is my responsibility as the well owner to notify this District of any changes in the purpose of this from that which is indicated on this application form.

Shonda Kanne for Baylands **10-1-90**
Signature of Well Owner/Agent Date
Shonda Kanne for Arco **10-1-90**
Signature of Driller/Agent Date

MONITORING WELL PLAN APPROVAL

City/County: _____
Approved by: _____
Date: _____

IMPORTANT: A minimum 24-hour notice must be given to SCVWD Well Inspection Dept. prior to installing the annular seal. Call (408) 927-0710 Ext. 660. For weekends, holidays, after hours call (408) 395-8121 or (408) 927-0710.

330 34 07

ORIGINAL
File with DWRSTATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in

No. 363563

Notice of Intent No. _____
Local Permit No. or Date 90W2040State Well No. 06SAW19A07A
Other Well No. _____(1) OWNER: Name ARCO Products
Address PO Box 811
City San Antonio, Ca ZIP 94402(12) WELL LOG: Total depth _____ ft. Completed depth _____ ft.
from ft. to ft. Formation (Describe by color, character, size or material)(2) LOCATION OF WELL (See instructions):
County SAN JOSE Owner Well Number A-9
Well address if different from above 988 San Antonio
Township LOS ANGELES Range _____ Section _____
Distance from cities, roads, railroads, fences, etc. _____SEE ATTACHED BORING LOGSEE MAP(3) TYPE OF WORK:
New Well ☒ Deepening ☐
Reconstruction ☐
Reconditioning ☐
Horizontal Well ☐
Destruction ☐ (Describe destruction materials and procedures in Item 12)(4) PROPOSED USE:
Domestic ☐
Irrigation ☐
Industrial ☐
Test Well ☐
Municipal ☐
Other ☒ (Describe) Monitoring

WELL LOCATION SKETCH

(5) EQUIPMENT:

Rotary ☐ Reverse ☐
Cable ☐ Air ☐
Other ☒ Hollow stem

(6) GRAVEL PACK:

Yes ☒ No ☐ Size 12x20
Diameter of bore 33
Packed from 33 to 60

(7) CASING INSTALLED:

Steel ☐ Plastic ☒ Concrete ☐

(8) PERFORATIONS:

Type of perforation or size of screen

| From ft. | To ft. | Dia. in. | Gage or Wall | From ft. | To ft. | Slot size |
|----------|--------|----------|--------------|----------|--------|-----------|
| 0 | 60 | 3 | 40 | 35 | 60 | .020 |

(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 33 ft.Were strata sealed against pollution? Yes ☐ No ☐ Interval _____ ft.Method of sealing cement

(10) WATER LEVELS:

Depth of first water, if known 455 ft.

Standing level after well completion _____ ft.

(11) WELL TESTS:

Was well test made? Yes ☐ No ☐ If yes, by whom? _____Type of test Pump ☐ Bailor ☐ Air lift ☐

Depth to water at start of test _____ ft. At end of test _____ ft.

Discharge _____ gal/min after _____ hours Water temperature _____

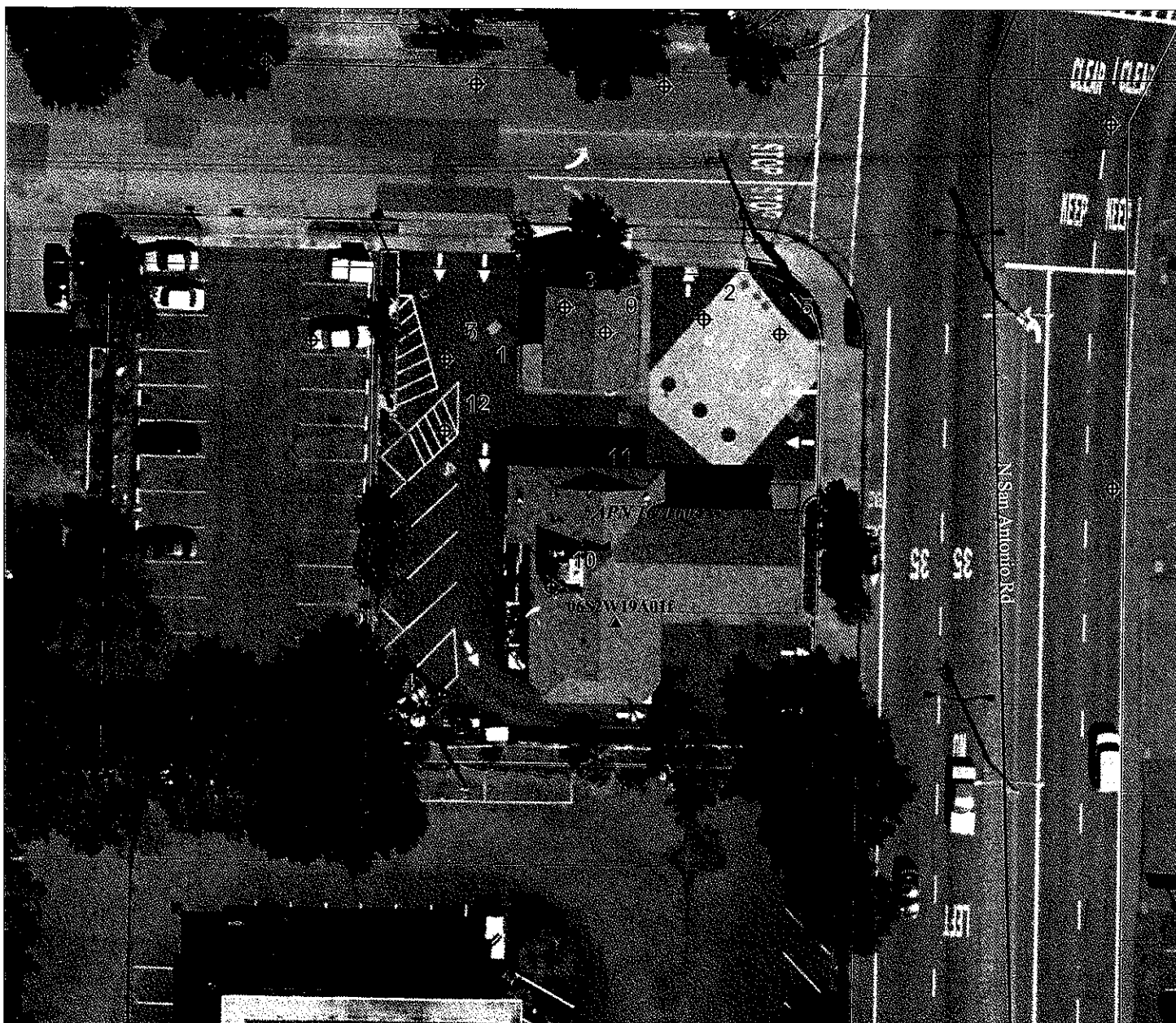
Chemical analysis made? Yes ☒ No ☐ If yes, by whom? PEBWas electric log made Yes ☐ No ☐ If yes, attach copy to this report

Work started _____ 19____ Completed _____ 19____

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Signed R. K. K. K. K. (Well Driller)NAME Rayland (Person, firm, or corporation) (Typed or printed)Address 555-D ElytonCity San Antonio ZIP _____License No. CS7 34452 Date of this report 2/27/91



APN: 16716045
988 N San Antonio Rd
Los Altos CA
94022

Well Annotations- 12 Wells Selected

| No | Well_nbr | Permit | Consultnum | Status | Easting | Northing |
|----|--------------|---------|------------|---------------------|---------|----------|
| 1 | 06S02W19A003 | 89W0407 | E-2 | Water Supply-Active | 6092632 | 1972144 |
| 2 | 06S02W19A004 | 89W0406 | E-1 | Water Supply-Active | 6092690 | 1972160 |
| 3 | 06S02W19A005 | 85W0557 | A-1 | Other-Active | 6092655 | 1972163 |
| 4 | 06S02W19A009 | 88W1649 | A-3 | Other-Active | 6092608 | 1972060 |
| 5 | 06S02W19A010 | 88W1648 | A-2 | Other-Active | 6092710 | 1972156 |
| 6 | 06S02W19A014 | 93W0695 | SP-1 | Other-Active | 6092624 | 1972150 |
| 7 | 06S02W19A015 | 93W0696 | V-1 | Other-Active | 6092624 | 1972150 |
| 8 | 06S02W19A016 | 93W0693 | SP-2 | Other-Active | 6092665 | 1972156 |
| 9 | 06S02W19A017 | 93W0694 | V-2 | Other-Active | 6092665 | 1972156 |
| 10 | 06S02W19A018 | 93W0698 | V-4 | Other-Active | 6092651 | 1972091 |
| 11 | 06S02W19A019 | 93W0697 | V-5 | Other-Active | 6092661 | 1972118 |
| 12 | 06S02W19A020 | 93W0699 | V-3 | Other-Active | 6092624 | 1972131 |

- Wells.shp
- ⊕ Water Supply - Active
 - ⊕ Water Supply - Standby
 - Water Supply - Inactive
 - ⊕ Extraction (Env) - Active
 - Extraction (Env) - Inactive
 - ⊕ Other - Active
 - Other - Inactive
 - * Abandoned
 - ⊕ Destroyed
 - ▲ Status Undetermined
- Parcels.shp
- ▲ Fuelleak.shp
- VALFLOOR.SHP
- Zone 1
 - Zone 2
 - Zone 3
 - Zone 4
 - Zone 5

Approximate Scale

20 0 20 40 Feet

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05D00613

| | | |
|--|--|--|
| Well Owner: Atlantic Richfield Company | Property Owner: Village Court Shopping Center | Name of Business/Residence at Well Site: ARCO Service Station # 0707 |
| Well Owner's Mailing Address: P.O. Box 6549 | Property Owner's Mailing Address: 4546 El Camino Real | Address of Well Site: 988 San Antonio Road |
| City, State, Zip: Moraga, CA 94570 | City, State, Zip: Los Altos, CA 94022 | City, State, Zip: Los Altos, CA |
| Telephone No.: 925-299-8891 | Telephone No.: 650 949 0960 | Assessor's Parcel Number of Well Site: Book: 167 Page: 16 Parcel: 045 |
| Consultant: URS Corporation | Drilling Company: Gregg Drilling | |
| Address: 1333 Broadway, Suite 800 | Address: 950 Howe Road | |
| City, State, Zip: Oakland, CA 94612 | City, State, Zip: Martinez, CA 94553 | |
| Telephone No.: 510-874-3026 Attn: John McCain | Telephone No.: 925-313-5800 | C-57 License No.: 485165 |
| <input type="checkbox"/> Check if address or phone number has changed. | <input type="checkbox"/> Check if address or phone number has changed. | |

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

Well Information

| | | |
|--|------------------------------------|---|
| Well Registration No.: 06502W19A013 | Owner/Consultant Well No.: A-10 | Original Well Construction Permit No.: 91W1788 |
| Well Casing Depth: 55.4' | Total Boring Depth: 58.5' | Well Casing Diameter: 2" |

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

| | | |
|---|---|---|
| <input type="checkbox"/> Well on SCVWD property/easement* | <input type="checkbox"/> Well is within 50 feet of the top of a creek/river bank* | (* See General Conditions, E.) |
| Well Description: | | |
| <input checked="" type="checkbox"/> Vertical Well | <input type="checkbox"/> Dewatering Well | <input type="checkbox"/> Elevator Shaft |
| <input type="checkbox"/> Multiple Casing | <input type="checkbox"/> Horizontal Well | <input type="checkbox"/> Pit Well |
| Well Type: check all that apply | | |
| <input type="checkbox"/> Water Producing (supply or extraction) | <input type="checkbox"/> Contamination Cleanup | <input type="checkbox"/> Agricultural |
| <input type="checkbox"/> Domestic | <input type="checkbox"/> Municipal & Industrial | <input type="checkbox"/> Vapor Extraction |
| <input checked="" type="checkbox"/> Monitoring | <input type="checkbox"/> Inclinator | <input checked="" type="checkbox"/> Groundwater |
| <input type="checkbox"/> Vadose | <input type="checkbox"/> Piezometer | <input type="checkbox"/> Interface |
| <input type="checkbox"/> Suction Lysimeter | <input type="checkbox"/> Seismic | |
| <input type="checkbox"/> Injection/Infiltration | <input type="checkbox"/> Contamination Cleanup | <input type="checkbox"/> Reclaimed Water |
| <input type="checkbox"/> Air Sparging | | |
| <input type="checkbox"/> Cathodic Protection | | |

Additional Questions For Water Producing Wells

| | | |
|---|--|---|
| Does the well have: | 1. Outer conductor casing? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| | 2. Annular cement seal outside of casing at surface? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| | 3. A S.C.V.W.D. water meter attached? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Type of Original Drilling Method: | | |
| <input type="checkbox"/> Rotary | <input type="checkbox"/> Cable-Tool | <input type="checkbox"/> Hand Dug Pit Well |
| <input checked="" type="checkbox"/> Hollow Stem Auger | <input type="checkbox"/> Other: | |

IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120.
Please allow 10 working days to process permit application.

SEP 5 2005

S.C.V.W.D.
WELLS

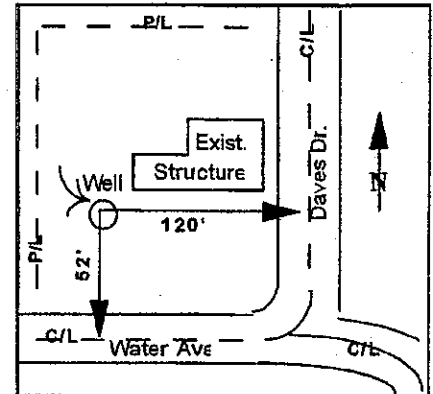
Site Plan

WELL LOCATION

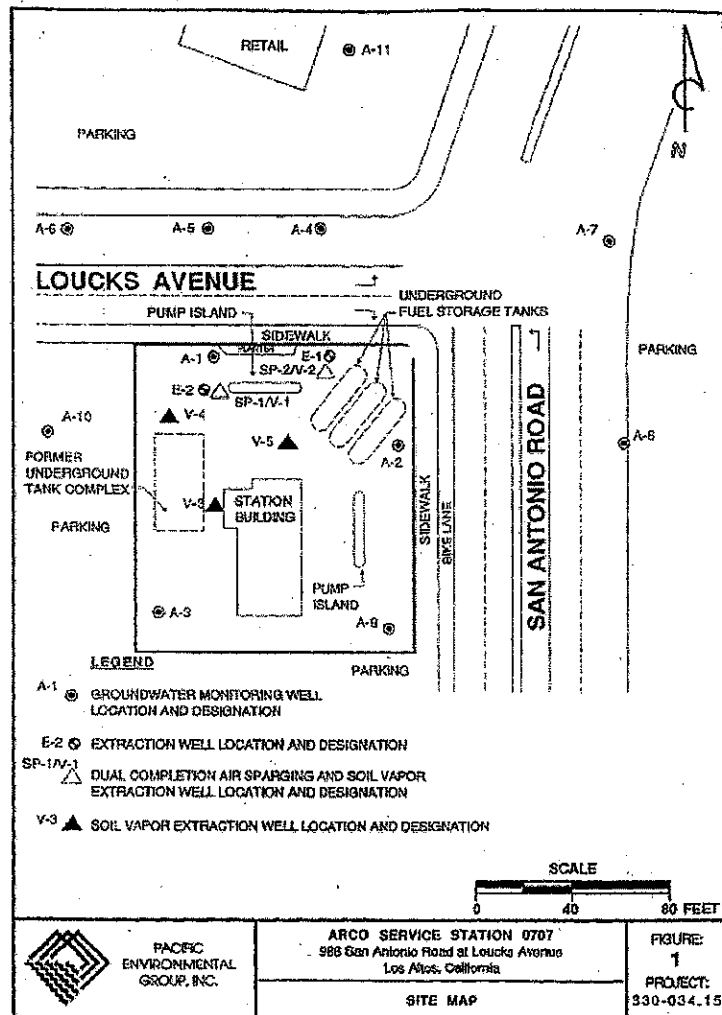
(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Sketch well loc



Please allow 10 working days to process this application.

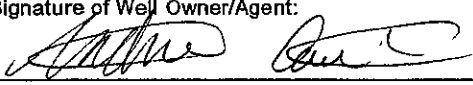

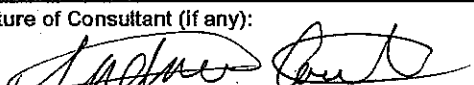
Please describe, in detail, the proposed destruction method*: _____

Well destruction via pressure grout according to SCVWD guidelines.

*Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

NOTE: All applicable signatures must be present before permit will be processed.

| | | |
|--|--|-----------------|
| Signature of Well Owner/Agent:  | Print Name: Andrew Fowler URS for Atlantic Richfield Co | Date: 9/2/05 |
| Signature of Driller/Agent:  | Print Name: Andrew Fowler URS for Gregg Drilling | Date: 9/2/05 |
| Signature of Consultant (if any):  | Print Name: Andrew Fowler URS | Date: 9/2/05 |

DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).


OR NOTE: Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of 56 feet, with a minimum bore of 8 inches.

☐ Clean out well casing to a total depth of _____ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). NOTE: Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: _____

☐ Other: _____

| | | | |
|--|-------------------------|-----------------------------|------------------------------|
| Permit Approved By:  | | Date: 9-14-05 | |
| District Permit No.: 05D00613 | Date Issued: 9-20-05 | Expiration Date: 3-20-06 | Driller's Log No.: 030010 |

Please allow 10 working days to process this application.

GENERAL CONDITIONS

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

| LOCATION MAP | | | | PACIFIC ENVIRONMENTAL GROUP, INC. | | | | WELL A-10 PAGE 1 OF 3 | | |
|--|--|------------------|-----|--|--------------|--------------------------|---------|--|--|---|
| | | | | PROJECT NO. 330-34.10 LOGGED BY: GO DRILLER: West Hazmat DRILLING METHOD: Hollow Auger SAMPLING METHOD: CAL MOD CASING TYPE: 2" Sch 40 PVC SLOT SIZE: 0.020" GRAVEL PACK: 2 x 12 SAND | | | | CLIENT: ARCO DATE DRILLED: 9-5-91 LOCATION: San Antonio and Loucks HOLE DIAMETER: 8" HOLE DEPTH: 58.5' WELL DIAMETER: 2" WELL DEPTH: 55.4" CASING STICKUP: NA | | |
| NORTHING EASTING ELEVATION | | | | | | | | | | |
| WELL COMPLETION | | MOISTURE CONTENT | PID | PENETRATION (BLOWS/8") | DEPTH (FEET) | RECOVERY SAMPLE INTERVAL | GRAPHIC | SOIL TYPE | LITHOLOGY / REMARKS | |
| <div style="display: flex; justify-content: space-around;"> <div>GROUT</div> <div>GROUT</div> </div> | | Dry | 1.2 | | 1 | | | ML | CLAYEY SILT; brown; low plasticity; 40% clay; 55% silt; 5% sand and gravel; no product odor. | |
| | | | | | 2 | | | | | |
| | | | | | 3 | | | | | |
| | | | | | 4 | | | | | |
| | | | | | | 5 | | | GM | SILTY GRAVEL; brown; 10% clay; 20% silt; 15% sand; 55% gravel; iron oxide stains around some clasts; no product odor. |
| | | | | | | 6 | | | | |
| | | | | | | 7 | | | | |
| | | | | | | 8 | | | | |
| | | | | | | 9 | | | SM | SILTY SAND; brown; 10% silt; 85% fine to coarse sand; 5% gravel; massive; medium dense; no product odor. |
| | | | | | | 10 | | | | |
| | | | | | | 11 | | | | |
| | | | | | | 12 | | | | |
| | | | | | | 13 | | | | @18.5': brown; 30% silt; 60% sand; 5-15% gravel; massive; very dense; no product odor. |
| | | | | | | 14 | | | | |
| | | | | | | 15 | | | | |
| | | | | | | 16 | | | | |
| | | | | | | 17 | | | | |
| | | | | | | 18 | | | | |
| | | | | | | 19 | | | | |
| | | | | | | 20 | | | | |
| | | | | | | 21 | | | | |
| | | | | | | 22 | | | | |

| LOCATION MAP <div style="text-align: center; font-size: 1.2em; font-weight: bold;">See Page One</div> | | PACIFIC ENVIRONMENTAL GROUP, INC. PROJECT NO. 330-34.10 LOGGED BY: DRILLER: DRILLING METHOD: SAMPLING METHOD: CASING TYPE: SLOT SIZE: GRAVEL PACK: | | | | WELL A-10 PAGE 2 OF 3 CLIENT: DATE DRILLED: LOCATION: HOLE DIAMETER: HOLE DEPTH: WELL DIAMETER: WELL DEPTH: CASING STICKUP: | | |
|--|------------------|---|------------------------|--------------|--------------------------|--|--------------------------|---|
| WELL COMPLETION | MOISTURE CONTENT | PID | PENETRATION (BLOWS/6') | DEPTH (FEET) | RECOVERY SAMPLE INTERVAL | GRAPHIC | SOIL TYPE | LITHOLOGY / REMARKS |
| | | | | 23 | | | SM | SILTY SAND - continued. |
| | | | | 24 | | | ML | SILT; brown; low plasticity; 20-30% clay; 60% silt; 10-15% gravel; iron oxide stains around some sand and gravel clasts; very stiff; no product odor. |
| | | | | 25 | | | | |
| | | | | 26 | | | | |
| | | | | 27 | | | | |
| | | | | 28 | | | | |
| | | | | 29 | | | | @28.5': brown; moderate to low plasticity; 30-40% clay; 50-60% silt; 10% sand; stiff to very stiff; no product odor. |
| | | | | 30 | | | | |
| | | | | 31 | | | | |
| | | | | 32 | | | SM | SILTY SAND; brown; 30% silt; 60% fine to medium sand; 10% coarse sand and gravel; massive; dense; no product odor. |
| | | | | 33 | | | | |
| | | | | 34 | | | | |
| | | | 35 | | | | | |
| | | | 36 | | | | | |
| | | | 37 | | | | | |
| | | | 38 | | | | | |
| | | | 39 | | | | @38': no product odor. | |
| | | | 40 | | | | | |
| | | | 41 | | | | | |
| | | | 42 | | | | | |
| | | | 43 | | | | | |
| | | | 44 | | | | @43.5': no product odor. | |

See Page One

PROJECT NO. 330-34.10

LOGGED BY:

DRILLER:

DRILLING METHOD:

SAMPLING METHOD:

CASING TYPE:

SLOT SIZE:

GRAVEL PACK:

CLIENT:

DATE DRILLED:

LOCATION:

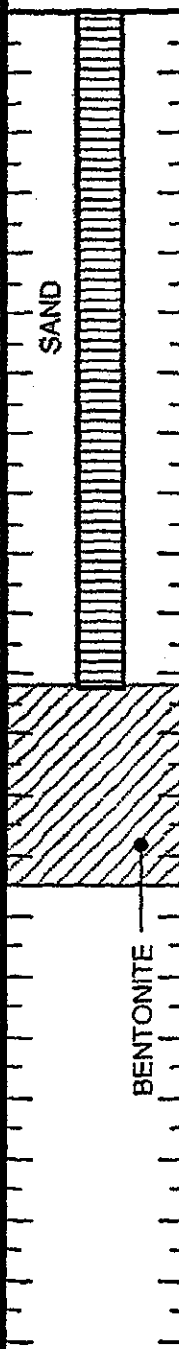
HOLE DIAMETER:

HOLE DEPTH:

WELL DIAMETER:

WELL DEPTH:

CASING STICKUP:

| WELL COMPLETION | MOISTURE CONTENT | PID | PENETRATION (BLOWS/6") | DEPTH (FEET) | RECOVERY SAMPLE INTERVAL | GRAPHIC | SOIL TYPE | LITHOLOGY / REMARKS |
|---|------------------|-----|------------------------|--------------|--------------------------|---------|-----------|---|
|  | | | | 45 | | | SM | SILTY SAND; brown; low plasticity; 20-30% silt; 60-70% fine to medium sand; 10% coarse sand; 10% gravel; massive; dense; no product odor. |
| | | | | 46 | | | | |
| | | | | 47 | | | | |
| | | | | 48 | | | | |
| | | | | 49 | | | | |
| | | | | 50 | | | | |
| | | | | 51 | | | | |
| | | | | 52 | | | CH | CLAY; blue-gray; high plasticity; 95% clay; 5% medium to coarse sand; massive; loose to medium dense; no product odor. |
| | | | | 53 | | | | |
| | | | | 54 | | | | |
| | | | | 55 | | | | |
| | | | | 56 | | | MH | CLAYEY SILT; blue-gray; moderate plasticity; 40% clay; 60% silt; loose to medium dense; no product odor. |
| | | | | 57 | | | | |
| | | | | 58 | | | SM | SILTY SAND; brown; 20% silt; 80% fine to coarse sand; very dense; no product odor. BOTTOM OF BORING AT 58.5' |
| | | | | 59 | | | | |
| | | | | 60 | | | | |
| | | | | 61 | | | | |
| | | | | 62 | | | | |
| | | | | 63 | | | | |
| | | | | 64 | | | | |
| | | | | 65 | | | | |
| | | | | 66 | | | | |

Santa Clara Valley Water District



WELL INSPECTION COMPLETION NOTICE

FC 158A (07-26-89) (DP 4-901)

| | | |
|---------------------------------|----------------------------|---|
| From: WELL SECTION | Date: 9/10/91 | Permit No.: 91W1788 |
| Inspector: MICHAEL HELLER | Date of Inspection: 7/6/91 | Well Registration No.: A-10 0652W19A09A |
| Well Owner: ALLO | | |
| Address of Well Site: 32 LOUCKS | City or County: LOS ALTOS | |
| Drilling Company: BAYLANDS | Consultant: PEG | |

PURPOSE OF WELL:

- | | |
|---|---|
| <input type="checkbox"/> Domestic | <input checked="" type="checkbox"/> Monitoring Well Use |
| <input type="checkbox"/> Agricultural | <input type="checkbox"/> *Vadose |
| <input type="checkbox"/> Municipal/Industrial | <input checked="" type="checkbox"/> *Groundwater |
| <input type="checkbox"/> Cathodic Protection | <input type="checkbox"/> *Other |

- Well completed according to provisions of Santa Clara Valley Water District Permit ☒ Yes ☐ No (If "No", see comments below)
- Depth of Surface Annular Seal = 28'

Comments: TD=58' BENTONITE=3' HOLLOW STEM
 SCREEN=755'-30' PVC=2" NEAT CEMENT
 SAND UP TO 28'

Distribution: White - Well Section Yellow - Water Revenue Pink - Permittee Goldenrod - City/County

1

Santa Clara Valley Water District

5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

WELL CONSTRUCTION APPLICATION

FC 158 (12-08-89) (DP 4-901)

Fig. 330-34.10

| | | |
|-----------------------------|--------------------------|------------------------------------|
| TO BE COMPLETED BY DISTRICT | | |
| Permit No.: 91W1788 | Date Issued: 8/22/91 | Well Registration No.: 06S2W19A09A |
| Geologic Setting: 3 | Expiration Date: 2/22/92 | Driller's Log No.: 397313 |

| | | |
|--|---------------------------------|--|
| TO BE COMPLETED BY OWNER AND DRILLER | | |
| Property Owner: Village Court Partners | Well Owner (if different): ARCO | Drilling Co.: Baylands |
| Address: 4546 El Camino | Address of Well Site: 32 Lauchs | Driller's Contractors License Number (C-57 Req'd): C-57 374152 |
| City, State, Zip: Los Altos, Ca | City, State, Zip: Los Altos, Ca | Address: 555-D Pilgrim |
| Telephone No.: | Telephone No.: | City, State, Zip: Foster City, Ca |

| | | |
|--|---------------------------------------|----------------|
| Assessor's Parcel No. of Well site: Book 167 Page 16 Parcel 018 | Owner's/Consultant's Well No.: B A-10 | Telephone No.: |
| Estimated depth of completed well: <input type="checkbox"/> Less than 50 ft <input checked="" type="checkbox"/> 50 to 300 ft <input type="checkbox"/> Over 300 ft. Purpose of Well: <input type="checkbox"/> Domestic <input type="checkbox"/> Municipal/Industrial <input type="checkbox"/> Agricultural <input checked="" type="checkbox"/> *Monitoring <input type="checkbox"/> Cathodic Protection *Monitoring wells are those constructed for the purpose of obtaining repetitive water level measurements and/or repetitive air samples for analysis. This includes wells constructed for general exploration and investigation purposes as well as those to be constructed in conformance with the Hazardous Materials Storage Permit Ordinance for site-specific groundwater monitoring of existing underground hazardous materials storage tanks. | | |

| | | |
|---|---|--|
| THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS | | |
| Purpose of Monitoring Well: <input type="checkbox"/> To comply with City or County Hazardous Materials Storage Permit Ordinance <input checked="" type="checkbox"/> Exploration studies <input type="checkbox"/> Other (specify): <input type="checkbox"/> Extraction/Recovery | | |
| A OF BUSINESS AT WELL SITE: | | |
| If proposed well is to meet compliance with a Hazardous Materials Storage Permit Ordinance has the City or County been contacted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| If yes, give name of City or County: | | |
| Consultant's Name (Company): Pacific Environmental Group, Inc. Address: 1601 Civic Center Drive, Suite 202 City, State, Zip: Santa Clara, California 95050 Telephone No.: (408) 984-6536 | Type of monitoring device: <input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Vadose Monitoring well use: <input checked="" type="checkbox"/> Depth <input checked="" type="checkbox"/> Quality <input type="checkbox"/> Chloride Vadose device installation: <input type="checkbox"/> Vapor <input type="checkbox"/> interface <input type="checkbox"/> Suction lysimeter Signature of Responsible Professional (No substitution of signature will be accepted): CEG/293 Registration No. Civil Engineer OR Certificate No. Engineering Geologist | |

| | | |
|---|---|--|
| TOPOGRAPHIC FEATURES | | |
| Well is to be constructed: <input type="checkbox"/> In a public sidewalk <input type="checkbox"/> In a public road <input type="checkbox"/> On public property <input checked="" type="checkbox"/> On private property <input type="checkbox"/> On SCVWD property | | |
| Within 50 ft of the top of a creek bank <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Within 50 ft. of any existing well <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Within 50 ft. of a sanitary sewer <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Within 150 ft. of a cesspool or seepage pit <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Within 100 ft. of a pit privy, septic tank, leachfield <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Other wells exist on this property <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Status: <input type="checkbox"/> Active <input type="checkbox"/> Inactive <input type="checkbox"/> Abandoned | | |

| | | |
|--|--------------------------------|--|
| CERTIFICATION BY WELL OWNER/AGENT AND DRILLER/AGENT: I certify that the information given above is correct to the best of my knowledge. I certify that the well will be constructed in compliance with the conditions of this permit, the Santa Clara Valley Water District's Ordinance 85-1 and, if applicable, the Hazardous Materials Storage Permit Ordinance of the County or City, as appropriate. It is my responsibility as the well owner to notify this District of any changes in the purpose of this well from that which is indicated on this application form. | | |
| Signature of Well Owner/Agent: Signature of Driller/Agent: | Date: 8/19/91 Date: 8/19/91 | MONITORING WELL PLAN APPROVAL City/County: Approved by: Date: |

IMPORTANT: A minimum 24-hour notice must be given to SCVWD Well Inspection Dept. prior to installing the annular seal. Call (408) 927-0710 Ext. 660. For weekends, holidays, after hours call (408) 395-8121 or (408) 927-0710.



Well Annotations- 12 Wells Selected

APN: 16716045
988 N San Antonio Rd
Los Altos CA
94022

| No | Well_nbr | Permit | Consultnum | Status | Easting | Northing |
|----|--------------|---------|------------|---------------------|---------|----------|
| 1 | 06S02W19A003 | 89W0407 | E-2 | Water Supply-Active | 6092632 | 1972144 |
| 2 | 06S02W19A004 | 89W0406 | E-1 | Water Supply-Active | 6092690 | 1972160 |
| 3 | 06S02W19A005 | 85W0557 | A-1 | Other-Active | 6092655 | 1972163 |
| 4 | 06S02W19A009 | 88W1649 | A-3 | Other-Active | 6092608 | 1972060 |
| 5 | 06S02W19A010 | 88W1648 | A-2 | Other-Active | 6092710 | 1972156 |
| 6 | 06S02W19A014 | 93W0695 | SP-1 | Other-Active | 6092624 | 1972150 |
| 7 | 06S02W19A015 | 93W0696 | V-1 | Other-Active | 6092624 | 1972150 |
| 8 | 06S02W19A016 | 93W0693 | SP-2 | Other-Active | 6092665 | 1972156 |
| 9 | 06S02W19A017 | 93W0694 | V-2 | Other-Active | 6092665 | 1972156 |
| 10 | 06S02W19A018 | 93W0698 | V-4 | Other-Active | 6092651 | 1972091 |
| 11 | 06S02W19A019 | 93W0697 | V-5 | Other-Active | 6092661 | 1972118 |
| 12 | 06S02W19A020 | 93W0699 | V-3 | Other-Active | 6092624 | 1972131 |

Wells.shp

- ⊕ Water Supply - Active
- ⊕ Water Supply - Standby
- Water Supply - Inactive
- ⊕ Extraction (Env) - Active
- Extraction (Env) - Inactive
- ⊕ Other - Active
- Other - Inactive
- * Abandoned
- ⊕ Destroyed
- ▲ Status Undetermined

Parcels.shp

FuelLeak.shp

VALFLOOR.SHP

- Zone 1
- Zone 2
- Zone 3
- Zone 4
- Zone 5

Approximate Scale

